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**DE Benutzerhandbuch 2**

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Bei Problemen, die nicht auf die Premiere Programme oder die Premiere Smartcard, sondern auf den Receiver zurückzuführen sind, wenden Sie sich an das Philips Call Centre unter 0180/500 75 31\* (Deutschland) oder 0820 400 039\* (Österreich).

\*Täglich von 8 bis 23 Uhr erreichbar - 0,12 Euros/Min

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**EN User manual 54**

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For problems that are not related to Premiere programmes or the Premiere smart card, but rather due to your receiver, call the Philips call center on 0180/500 75 31\* for Germany or 0820 400 039\* for Austria.

\*open 7 days from 08.00 to 23.00 - 0.12 Euros/min



# Foreword

EN

Dear Valued Customer,

Thank you for choosing our HDTV receiver. This User Manual will help you get the best out of the extensive and fascinating functions of your new receiver.

With your new HDTV receiver DSR 9005, the whole world of television is open to you for top-quality viewing! You are now ready for the future of television! HDTV is a new way to watch television - a crystal clear, high-definition picture with sharp colours. Premiere offers you Hollywood blockbusters, major sports events and documentaries of the highest quality. Television now becomes an incredible viewing experience.

Your new digital receiver DSR 9005 is of course designed to receive and use Premiere services. It is for those who expect more from television. A Premiere subscription means exclusive programs, a wide selection, comprehensive service and cutting edge technology.

With Premiere you will experience innovations in TV before anyone else. Premiere is the first, and up to now the only, German TV channel with programmes 24-hours a day in high definition.

Premier HD channels offer top Premiere programs in unheard-of quality.

- Enjoy the best current films with picture and sound quality just like in the movie theatre - and in the original wide-screen format.
- See the world as it really is with the Premiere HD special offer.
- Experience the best in sports in top quality and see the best football, basketball and ice hockey players and other sports stars.

Premiere offers you more TV enjoyment, more variety and more comfort.

- PREMIERE FILM offers great entertainment to suit all tastes with a selection of 100 films a day with no commercial interruption. DISNEY CHANNEL provides great family entertainment.
- PREMIERE SPORT & PREMIERE FUSSBALL LIVE offer best in sports. You will never miss another goal.
- PREMIERE THEMA includes a wide variety of theme channels for all your moods and interests with documentaries, interactive advice programmes, children's programmes, music channels and adult channels, as well as the best programmes for fans of sci-fi, thrillers, action and classic movies.
- On PREMIERE DIREKT, you can easily book the best current films, exclusive sports events, special events and adult television for whatever time you want and enjoy them at home.

When installing Premiere, please observe the installation instructions that come with the Premiere smart card. If you haven't got a Premiere smart card yet, you can find further information on current Premiere offers on:

0180/ 551 00 00\* - [www.premiere.de](http://www.premiere.de)  
for Germany




01/ 49166 200 - [www.premiere.at](http://www.premiere.at)  
for Austria

or at specific dealers.

We wish you great viewing with your Philips DSR 9005!

Your Philips Team.

\*0.12 euros/min on the Deutsche Telekom Ltd. fixed network

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# Unpacking

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When unpacking your receiver, please make sure the following accessories are included:



- 1 -

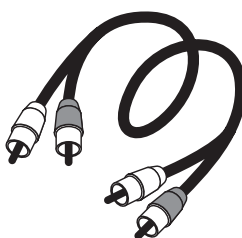
Universal remote control with batteries



2 - HDMI cable



3 - Mains cord



4 - Audio cable

The package also includes the following documents:

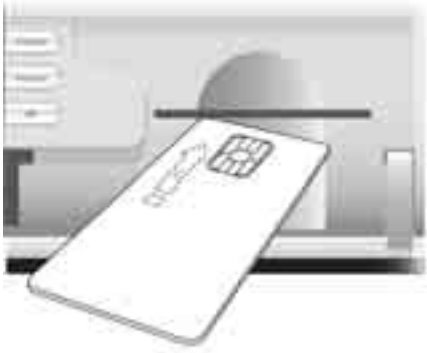
- User manual for receiver
- Quick start guide
- Philips World-Wide Guarantee



Plastic bags can be dangerous. To avoid suffocation keep the bag away from babies and children.

# 1 Quick installation for the reception of satellite ASTRA 19.2° East

EN



Please read the safety and environmental instructions before connecting your receiver.

## **Your TV set is fitted with an HDMI socket**

You already have one satellite antenna installed.

Your antenna is fitted with one universal LNB.

Your antenna is correctly pointed at the ASTRA 19.2° East satellite.

You only want to install channels broadcast on the ASTRA 19.2° East satellite.

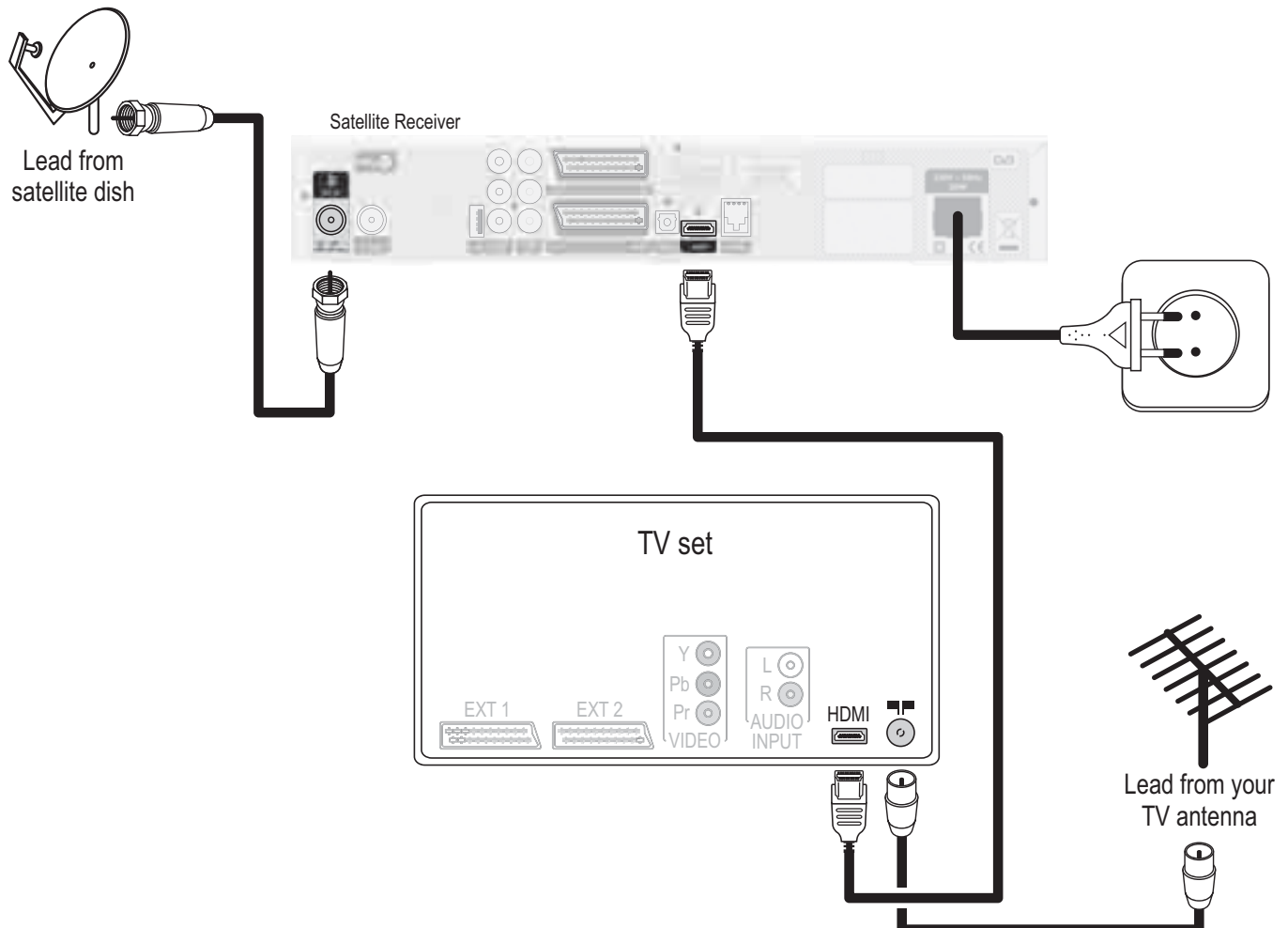
If your equipment does not meet all of the above requirements, proceed to chapter 8

- Disconnect your TV set from the mains.
- Connect your receiver as shown below. Do not connect your receiver to the mains now.

When connected as described below, volume control is performed via your TV set.

- Insert your smart card in your receiver with the contacts facing up.

Smart card insertion is required for Premiere subscribers only.



- Insert the two batteries supplied in your remote control.



Batteries are removable from the remote using common household tools. The batteries supplied do not contain hazardous substances such as Mercury, Cadmium, or Lead. However, they must not be disposed of with your household waste but to a local separate battery collection system.

- Switch on your TV set and select the appropriate **HDMI** input (refer to your TV set user manual).
- Now plug the receiver's power supply cord into the mains. The receiver display indicates **BOOTING**, then **WELCOME**.
- Press **V-Output** once. The receiver display should indicate **HDMI DETECTED**.

If **WIFI OUTPUT** is displayed instead, proceed to chapter 8.

- Check that the welcome screen displays on the TV screen.

If no picture is displayed or the picture quality is poor, refer to section Troubleshooting.

- Press **P+** then **P-**. Wait for a few seconds for the First installation screen to appear.
  - Select your favourite language.
  - Select your country.
- Check for adequate signal strength and quality.
- Press **OK** to start searching for channels on Astra 19.2 East. During the search, a bargraph indicates the channel search progress. This may take some time. It is to ensure the receiver will not miss out on channels.

Once the scan has been successfully completed, a completion message is displayed.

- Press **OK**.

A new screen appears, with a message indicating that a search for new, upgraded software is in progress:

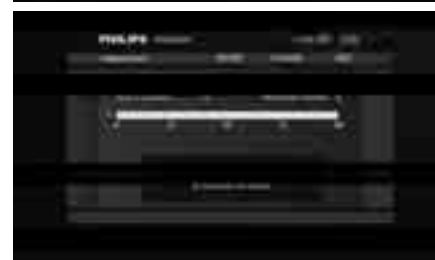
- Either wait for software detection, and then proceed as indicated on screen. It is recommended to accept software so as to keep your receiver up-to-date.
- Or press **EXIT** to stop searching for new software.

At the end of first installation, your receiver tunes to the first channel in the main TV list.

For detailed information on first installation, see chapter 8.






For detailed information on other connections, refer to the on-screen help, either by pressing the yellow colour key or via the menu by selecting the Help item. Alternatively, see chapter 7.

Your remote control is set to perform volume control through a Philips TV set. If you have a TV set other than Philips, refer to paragraph 16.3 to adapt the brand setting of your remote control to your TV set.



## 2 Meaning of symbols

EN

	Important information: Must be read and understood.
	<p>Your product has been designed and manufactured with high quality materials and components, which can be recycled and reused.</p> <p>When this crossed-out wheeled bin symbol is attached to a product or its packaging, it means the product is covered by European Directive 2002/96/EC.</p> <p>Please inform yourself about the local separate collection process for electronic products.</p> <p>Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.</p>
	<p>The “Material recyclability symbol” affixed on package cardboard and user manual means these parts are recyclable.</p> <p>So do not dispose of them with your normal household waste.</p>
	<p>The “Material recyclability symbol” affixed on plastic packaging parts means these parts are recyclable.</p> <p>So do not dispose of them with your normal household waste.</p>
	<p>The “Green Dot” affixed on cardboard means PHILIPS pays a financial duty to the “Avoidance and Recovery of Packaging Waste” organization.</p>

# 3 Safety instructions

EN



Your receiver has been manufactured to meet the appropriate safety standards, but the instructions below must be followed to operate it safely. These instructions must be kept for future reference.

- Before connecting the receiver to the mains, check that the mains supply voltage corresponds to the voltage printed on the rear of the receiver. If the mains voltage is different, consult your dealer.
- The receiver does not contain any user-serviceable parts. Do not attempt to open it. All maintenance work must be carried out by qualified services centres.
- If you disconnect the receiver from the mains, make sure to unplug it from the wall socket and not just from the AC socket at the back of the unit. Children could seriously injure themselves, as the free end of the cable is still live.
- It is recommended to unplug the receiver from the mains during lightning storms.
- If the power cord is damaged, it must be replaced. Always refer to qualified services centres.
- To prevent fire or shock hazard, do not expose the receiver to rain or moisture.
- The receiver should be placed on a firm surface, and the ventilation openings must not be covered with items, such as newspapers, table clothes, curtains, etc.
- Do not install the receiver near heat sources such as radiators, stoves or other apparatus that produce heat. Protect it from direct sunlight.
- When installing the receiver, ensure there is a gap of approximately 2 cm around the receiver to enable air to circulate freely and prevent overheating.
- Leave accessible the mains connector at the back of the unit in case emergency shutdown is required.
- Do not place any combustible objects on the receiver (candles, etc.).
- No objects filled with liquids, such as vases, should be placed on the unit. The receiver shall not be exposed to dripping or splashing. Should this happen, disconnect your receiver from the mains and consult your dealer.
- Make sure that children do not place any foreign objects in any of the openings.
- For cleaning, use a soft, damp (not wet) cloth. Never use any abrasive cloth and aerosol cleaners.



Your receiver, as any electronic equipment, consumes power. In order to reduce power consumption, please switch your receiver to “Low Power” whenever you are not using it. For maximum energy saving we recommend you switch off the receiver by unplugging it from the mains if you are not using it for a long time, e.g. during holidays.

## 4 Product description

EN

### 4.1 Front panel










- |   |                              |   |
|---|------------------------------|---|
| 1 | ⏻ button with indicator..... | Standby (short key press)<br>“Low Power” (2-second key press) - indicator lit in red<br>Reset (5-second key press). |
| 2 | P-.....                      | Channel down<br>Wake up the receiver from stand-by or “low power”.  |
| 3 | P+.....                      | Channel up<br>Wake up the receiver from stand-by or “low power”.  |
| 4 | TV/RADIO.....                | Toggle between digital TV and digital radio.<br>Wake up the receiver from stand-by or “low power”.                  |
| 5 | HDTV.....                    | Indicate reception of HD programmes when lit in blue.   |
| 6 | Display.....                 | Front panel display. See paragraph 4.2.   |

Open the door located on the right-hand side of the receiver front panel to access the following:









- |    |                               |   |
|----|-------------------------------|---|
| 7  | V-Output.....                 | Switch between output formats (HDMI, YPbPr, or EXT1).   |
| 8  | V-Format.....                 | Select picture resolution (Auto, 1080i, 720p, or 576p). |
| 9  | OK.....                       | Confirm selection.                                      |
| 10 | Smart card slot (slot 1)..... | See chapter 5.  |
| 11 | CI module slot (slot 2).....  | See chapter 5.  |

## 4.2 Front panel display

### 4.2.1 Pictograms

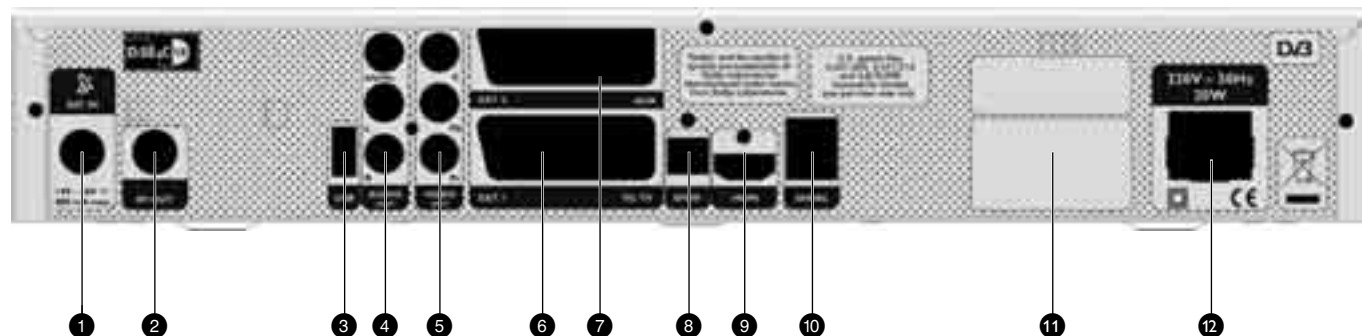
	Represents progression of channel scan or volume change.
	Lit when a recording is running.
	Lit during storage of data at the end of a channel scan.
	Lit when a smart card is required.
	Blinks when receiving a remote control command.
	Lit when at least one recording or reminder has been programmed.
	Lit when watching satellite TV.

### 4.2.2 Description of segment display messages

	Receiver connected to mains and in low power;  button indicator lit in red
	Receiver initializing. Please wait.
	Receiver in stand-by
	Receiver tuned on a digital TV channel, e.g. Disney Channel.
	Receiver tuned on a digital Radio channel
	Recording in progress. To cancel a recording which is in progress press <b>TIMER</b> then <b>0</b> .
	The device connected to the EXT2 SCART of your receiver is playing back a recording. Stop playback to return to digital channels.

## 4.3 Rear panel

EN



- |    |                       |  |
|----|-----------------------|--|
| 1  | SAT IN (*)            | Input to connect the cable from your satellite dish  |
| 2  | RF OUT (*)            | Output to connect another satellite receiver   |
| 3  | USB (*)               | For future use   |
| 4  | L/R AUDIO OUT (*)     | Left/Right analogue audio outputs to connect your receiver to your TV left/right analogue inputs   |
|    | DIGITAL AUDIO OUT (*) | Digital audio output to connect your receiver to the digital coaxial input of your digital audio equipment                                       |
| 5  | YPbPr VIDEO OUT (*)   | Outputs to connect your receiver to the YPbPr or component inputs of your TV set or video projector <sup>(2)</sup>                               |
| 6  | EXT1/TO TV (*)        | SCART <sup>(1)</sup> output used to connect your TV set or video projector <sup>(2)</sup>  |
| 7  | EXT2/AUX (*)          | SCART <sup>(1)</sup> output to connect your video recorder or DVD player   |
| 8  | SPDIF (*)             | Digital audio output to connect your receiver to the digital optical input of your digital audio equipment using an optical cable (not supplied) |
| 9  | HDMI (*)              | HDMI socket used to connect your TV set HDMI input   |
| 10 | SERIAL (*)            | Connector used for servicing purposes by qualified service centres   |
| 11 |                       | Label showing the type and serial number of the receiver   |
| 12 | 230V~50Hz 20W max(**) | Socket to connect the mains cord   |

\* Safety Extra Low Voltage

\*\* Hazardous Voltage

<sup>(1)</sup> SCART is also called Euroconnector or Péritel.

<sup>(2)</sup> If you consider using a video projector, refer to its user manual for the best video format to feed it. If necessary, refer to paragraph 14.5.2 to properly set the EXT1/EXT2 SCART Output.

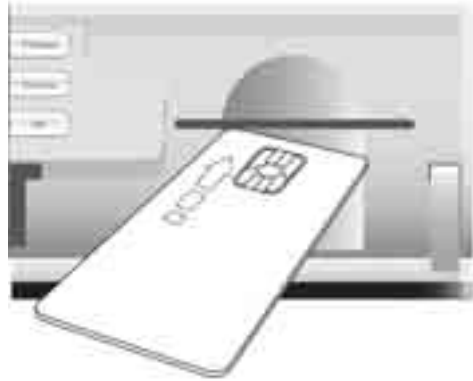
## 5 Inserting your Smartcard

EN

### 5.1 Premiere smart card for Premiere content

You will be delivered a Premiere smart card when taking up a Premiere subscription.

Insert your Premiere smart card in the direction indicated by the arrow with the golden chip facing up, and push it as far as it will go into the upper slot.

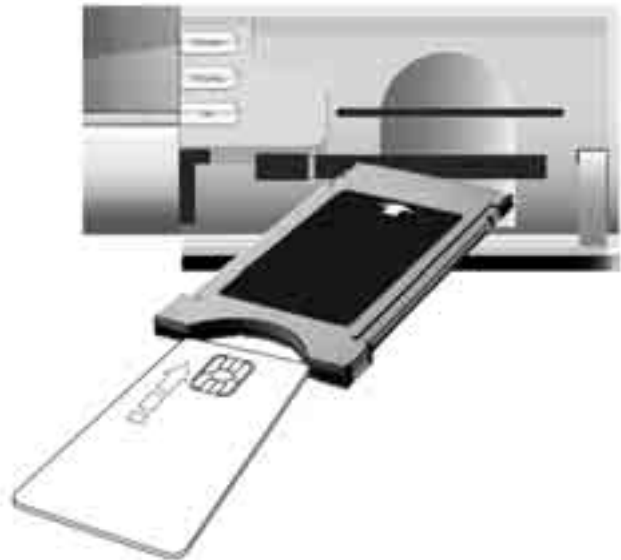


### 5.2 DVB-CI and smart card for other pay-TV providers

To de-scramble programmes from other pay-TV providers, you need a common interface module (not supplied) and a smartcard from the provider broadcasting these programmes (delivered when taking up a subscription).

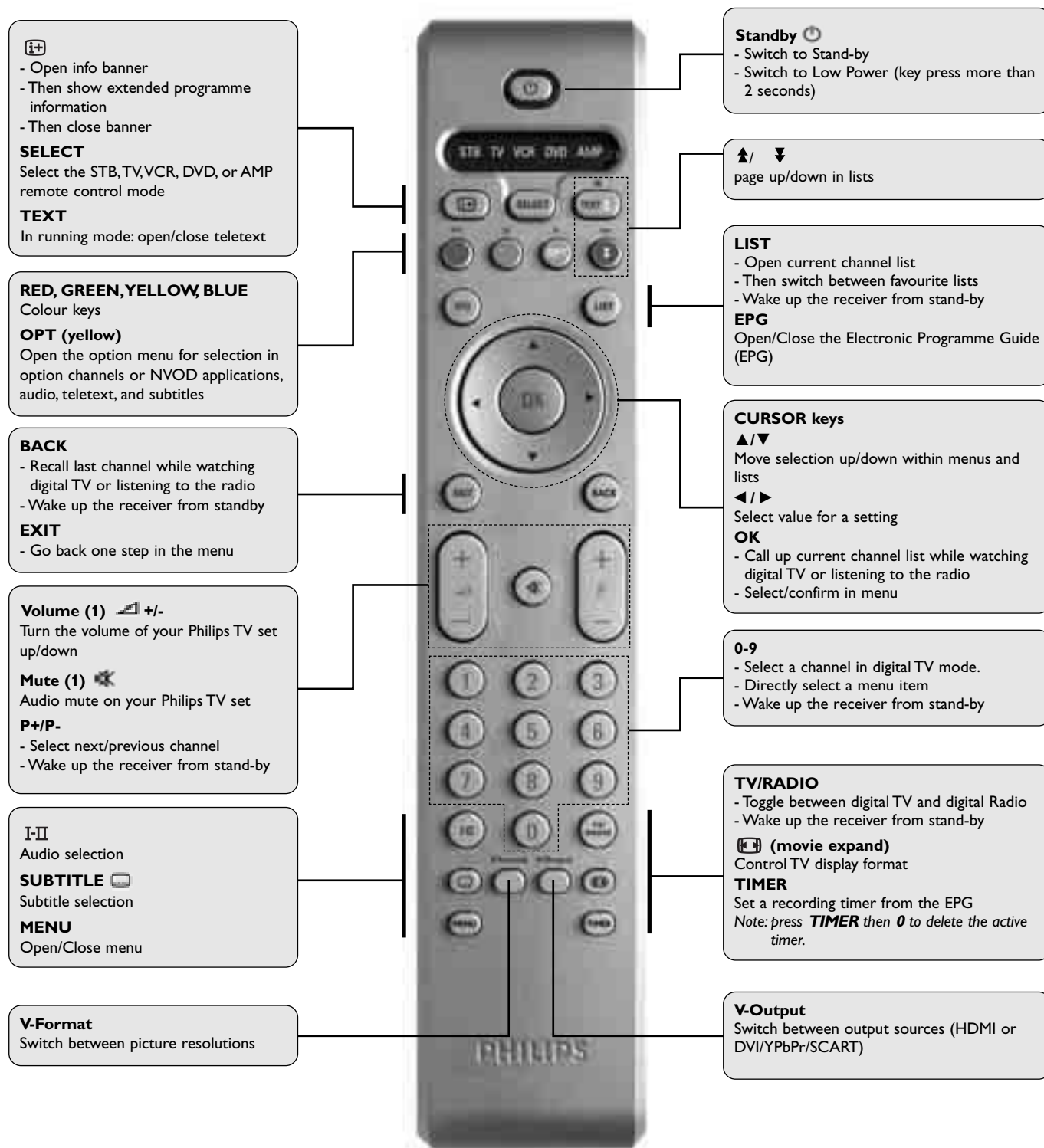
Insert the common interface module into the lower slot (slot 1), and then insert the smartcard into the common interface module with the golden or silver chip facing up.

Push the smart card as far as it will go into the CI module. To remove the module from the slot, push the button on the left-hand side of the slot.



## 6 Using your remote control when the STB mode is selected

EN



(1) If you have a TV set other than Philips, refer to paragraph 16.3 to change the brand setting of your remote control.

Infrared interference on external devices

To avoid bad remote control reception, place your external devices out of sight of the ambient lights of your TV set.

# 7 Connecting your digital receiver

There are several ways you can connect and integrate your digital receiver into your existing audio/video equipment setup.



## Warning!

Before starting:

- Unplug all equipment (TV set as well as recorder) from the mains. Do not connect your digital receiver to the mains supply now.
- Refer to the relevant connection diagram to incorporate your digital receiver into your existing audio/video setup.

EN

## 7.1 Connections

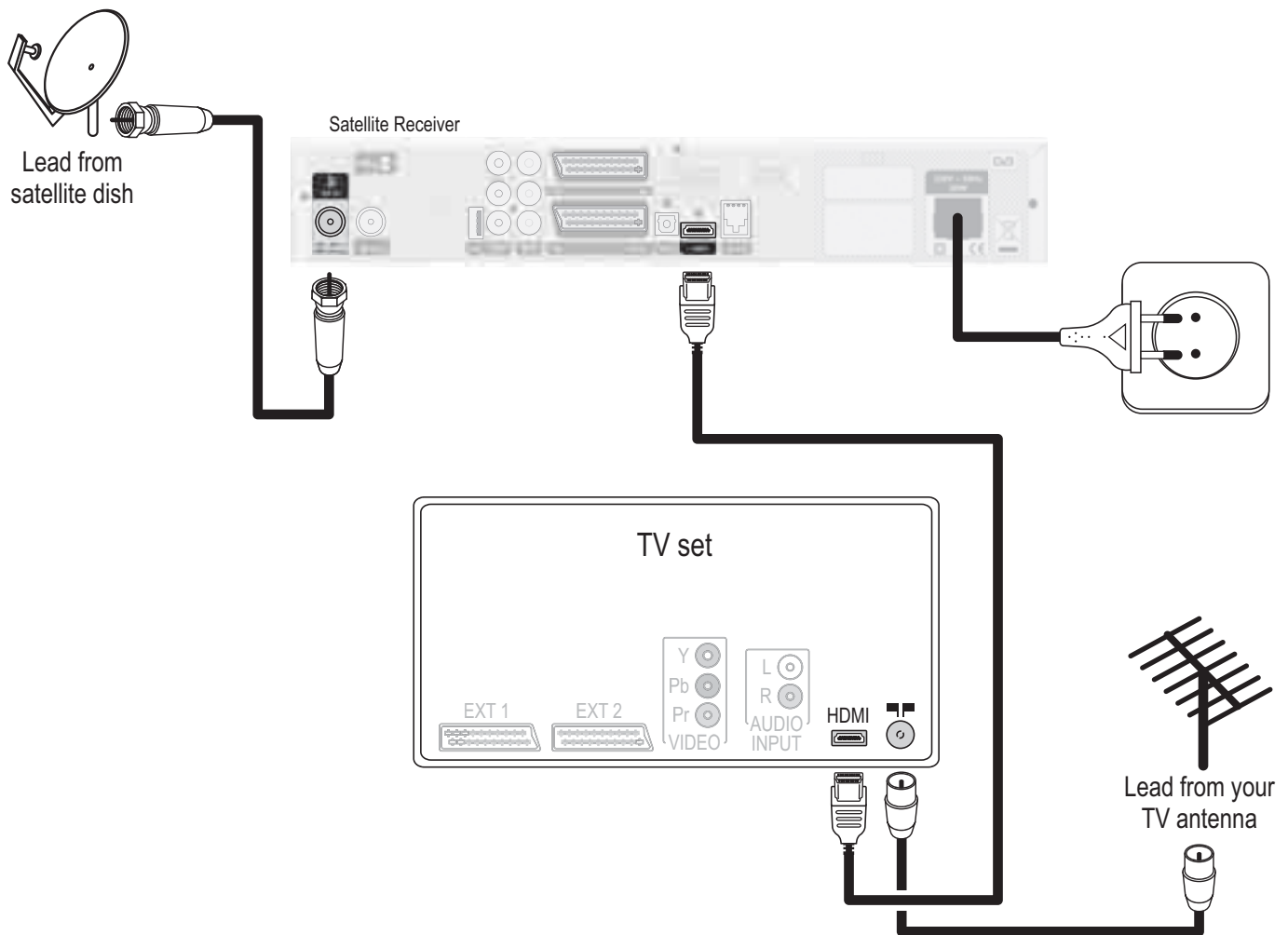
### 7.1.1 Your TV set is HDTV capable (HD-Ready label)

You want to connect your receiver so as to receive HDTV in HD quality.

#### 7.1.1.1 Digital connection to TV via HDMI (lead supplied) - recommended

You have an HD-Ready TV set which is fitted with an HDMI input.

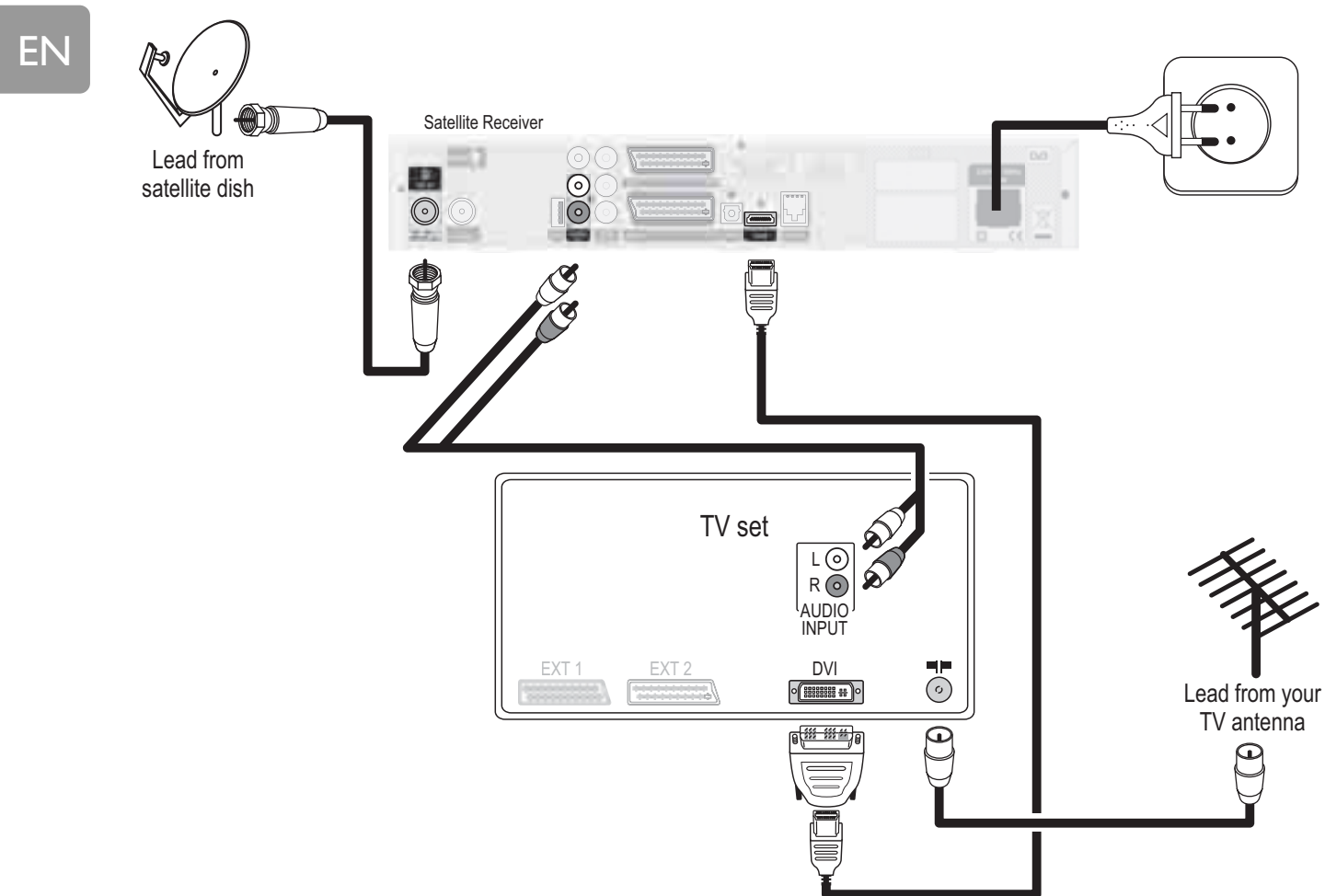
Incorporate your receiver in your existing installation as described below.



### 7.1.1.2 Digital connection to TV via DVI - recommended if your TV set is not fitted with an HDMI input

You have an HD-Ready TV set which is fitted with a DVI input only.

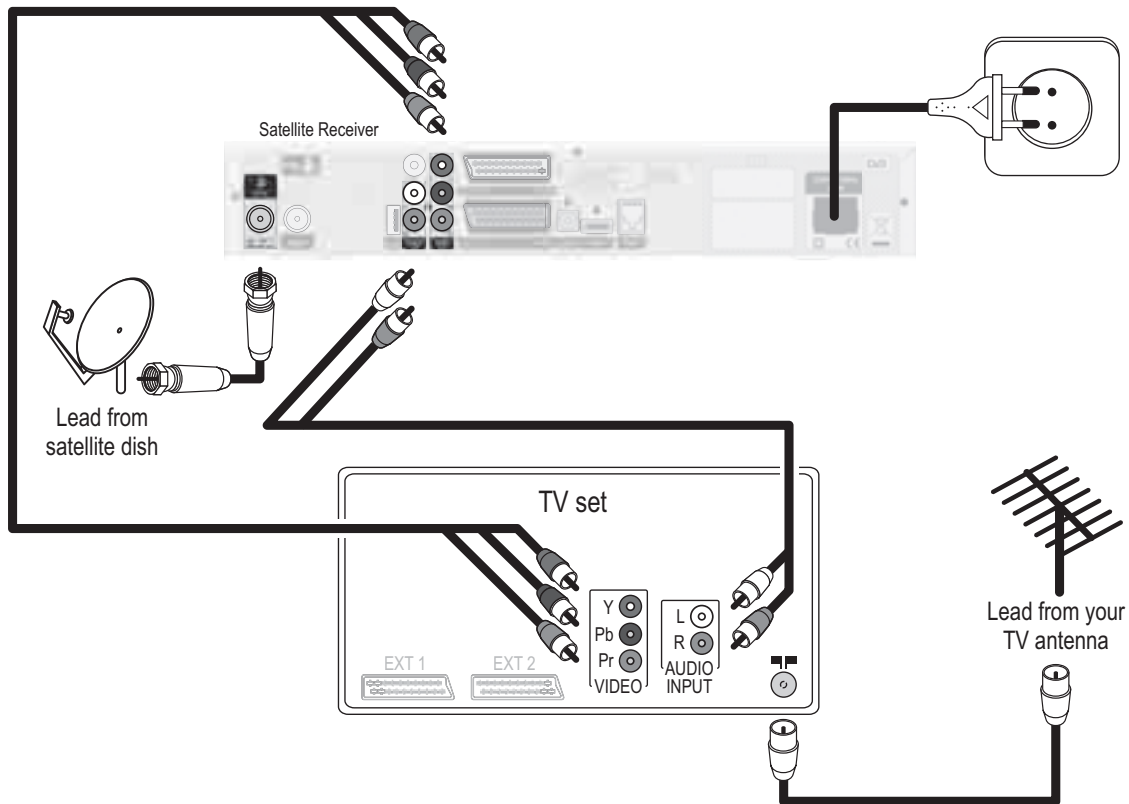
Incorporate your receiver in your existing installation as described below.



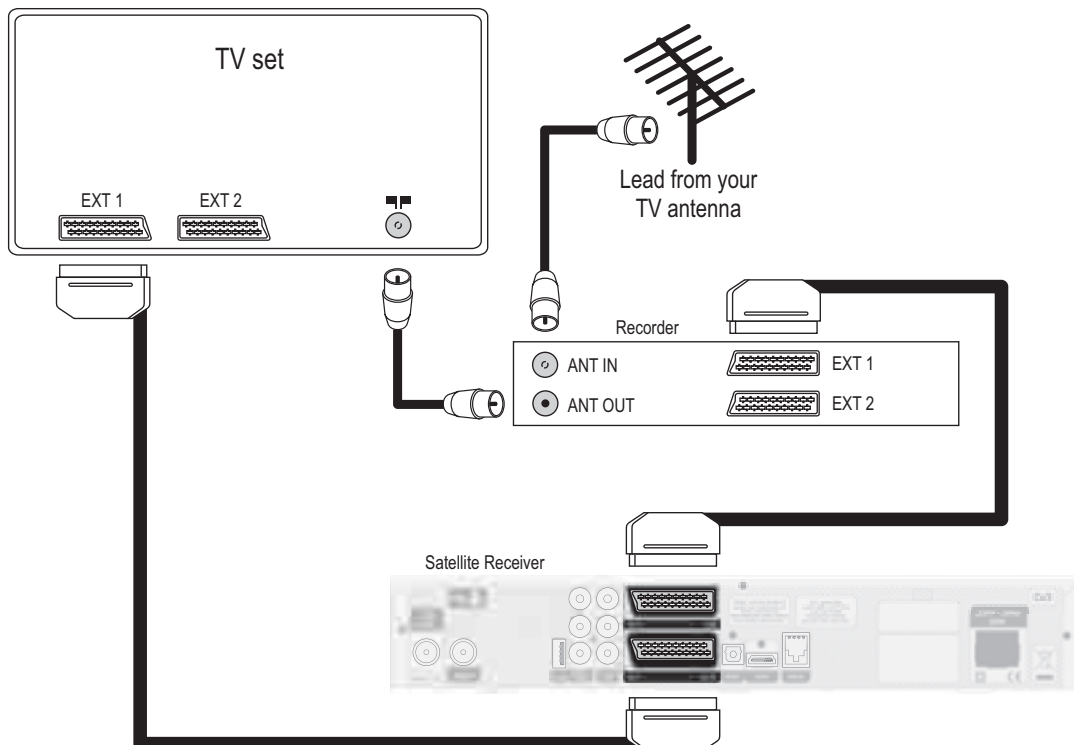
### 7.1.1.3 Analogue connection to TV via YPbPr (lead not supplied)

You have a TV set which is fitted with a YPbPr input (component input, no HDMI or DVI input). Incorporate your receiver in your existing installation as described below.

You may not be able to receive some content-protected, premium HDTV channels as these are only available through HDMI or DVI connection.

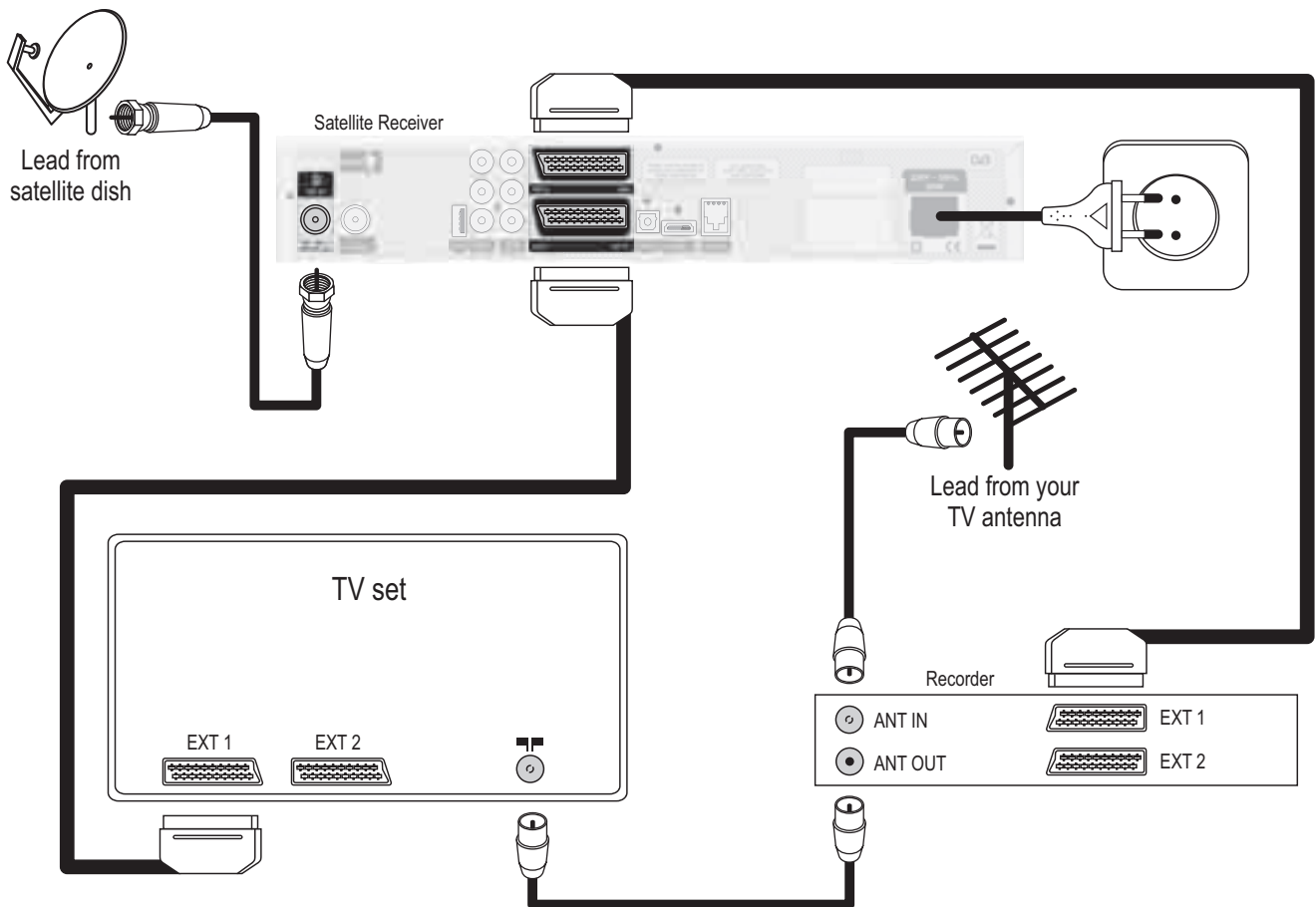


### 7.1.1.4 Connection to a recorder



### 7.1.2 Your TV set is only SDTV capable

Incorporate your receiver in your existing installation as described below.



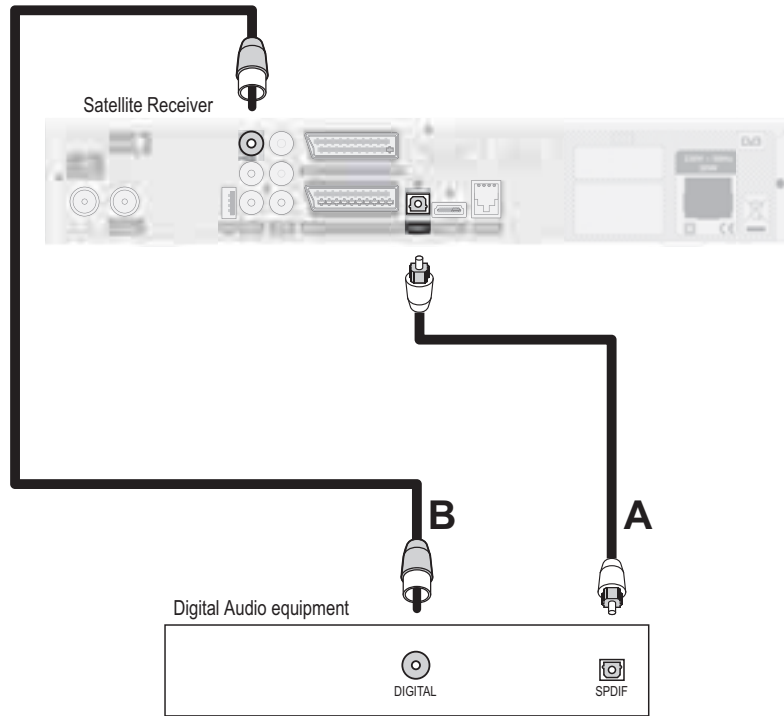
- Connect the cable from the satellite dish to the "SAT IN" socket of your digital receiver.
- Connect the "EXT1" SCART socket of your digital receiver to the RGB capable SCART socket of your TV using the SCART lead supplied with your digital receiver.
- Connect the "EXT2" SCART socket of your digital receiver to the "EXT1/OUTPUT" SCART socket of your recorder using a SCART lead.
- Plug all your equipment, excluding your digital receiver, into the mains.

This connection applies to both VCRs and DVD recorders fitted with one or two SCART sockets. With this connection set up, you can:

- watch digital TV while you record analogue TV.
- watch analogue TV while you record digital TV.
- record the digital TV channel you are watching.
- watch play-back from your VCR or DVD.

### 7.1.3 Digital audio connections

Depending on your audio equipment, you have several options to connect your digital receiver.



#### CONNECTION (A)

Either

Connect the “SPDIF” digital audio output socket to the relevant input socket of your audio equipment using an optical cable (not supplied). Consult the user manual of your audio equipment to locate the proper digital audio input. <sup>(1)</sup>

#### CONNECTION (B)

Or

Connect the audio “DIGITAL” output socket to the relevant digital audio input socket of your audio equipment using a single CINCH cable (not supplied). Consult the user manual of your audio equipment to locate the proper digital audio input. <sup>(1)</sup>

<sup>(1)</sup> With either connection, you can only control the volume (up/down and mute) using your audio equipment remote control; refer to the user manual of your audio equipment. To perform volume control using your receiver remote control, refer to the remote control user manual.

When using one of these digital audio connections, you may experience a de-synchronisation between sound and pictures (Lip synchronisation). To restore synchronisation, change the **Lip Synchronisation** setting as described in paragraph 9.6.

## 7.2 Connecting to a video projector to watch Digital TV

### 7.2.1 Your video projector is only SDTV capable

Connect the “EXT1” SCART socket of your digital receiver to your video projector.

Video projectors are often fed with S-Video format video signals. If this is the case with your projector, follow the instructions below for connection and installation:

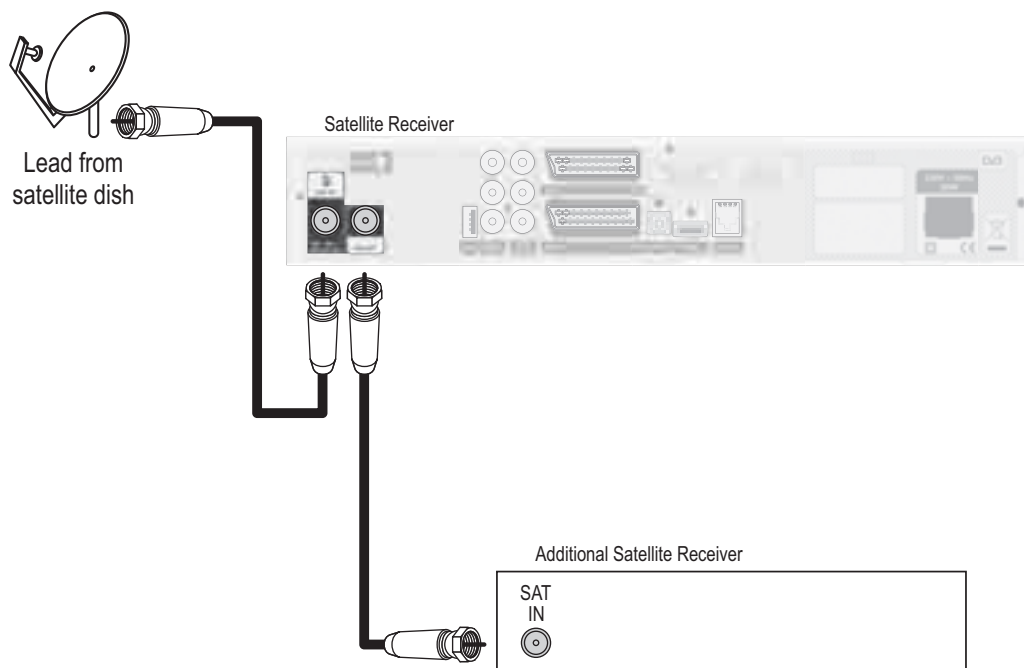
- Connect a SCART/S-Video adapter to the “TV” SCART of your receiver (not supplied), and connect the adapter to the S-Video input of your video projector by means of a SVideo cable.
- Installation: refer to chapter 14.5.2 to change the “TV/VCR output” setting of your digital receiver to S-VIDEO/PAL-CVBS.

### 7.2.2 Your video projector is HDTV capable (YPbPr, DVI, or HDMI interface)

Connect the HDMI, DVI, or YPbPr socket of your digital receiver to the corresponding input on your video projector.


## 7.3 Connecting an additional satellite receiver to the RF OUT output

EN



To ensure proper reception only the receiver to be used should be switched on. The other one should be switched off.

To switch on or off your additional satellite receiver, refer to its user manual.

To switch off your satellite receiver, press the  button for more than 2 seconds. (You will see the Low Power indicator on the front panel)

## 8 First installation

EN

You have inserted the batteries supplied in your remote control.

Your receiver is connected to the satellite antenna, TV set and other equipment according to one of the diagrams in chapter 7.

- Switch on your TV set and select the appropriate HDMI input (refer to your TV set user manual).
- Plug the receiver's power supply cord into the mains. The receiver display indicates **BOOTING**, then **WELCOME**.
- Press **V-Output** once, then check the receiver display indication:
  - If **HDMI DETECTED** is displayed, check that the welcome screen displays on your TV screen.
  - if **NO HDMI OUTPUT** is displayed instead, successively press V-OUTPUT until the source selected matches your connections as described in paragraph 7.1 and the welcome screen appears on your TV screen.
- Press **P+** then **P-**. Wait for a few seconds for the **First Installation** screen to appear.



### 8.1 Installation settings

- Select your favourite language.
- Select your country.
- Check for adequate signal strength and quality.

#### To install ASTRA 19.2° East:

- Press **OK** to start searching for channels broadcast on the ASTRA 19.2° East satellite. The **Installation** screen appears.
- Proceed to paragraph 8.2.



#### To install ASTRA 19.2° East and other satellites:

- Press **EXIT** to access the Antenna Configuration screen.
- Select antenna settings as described in paragraph 14.6.1.
- Press **OK** to start searching for channels. The **Installation** screen appears.
- Proceed to paragraph 8.2.

If you press **EXIT** during the scanning process, you interrupt the scanning and go back to the previous screen. In this case, none of the channels found are stored.

### 8.2 Channel search

Once the scan has been successfully completed, a completion message is displayed.

- Press **OK**.

A new screen appears, with a message indicating that a search for new, upgraded software is in progress:

- Either wait for software detection, and then proceed as indicating on screen. It is recommended to accept software so as to keep your receiver up-to-date. At the end of the first installation, the receiver tunes to the first channel in the main TV list.
- Or press **EXIT** to stop searching for new software and tune the receiver to the first channel in the main TV list.



## 8.3 Search failure

In case of channel search failure, a message is displayed.

- Press **EXIT** to go back to either the **First Installation** or Antenna Configuration screen.


### Before starting a new scan


The following checks are recommended to recover adequate signal quality and strength:

- Check the antenna cable.
- Then check the antenna connection to your receiver (see chapter 7).
- Then change the pointing of your antenna so as to maximize the level of the signal quality and strength bargraph indicators, and then fasten your antenna according to the antenna user manual instructions.
- When the signal strength and quality is adequate, press **OK** to launch a new search. If the failure message appears again, refer to chapter 17 to find out the reason for failure. For a proper diagnosis and installation check, call your installer.

# 9 Day-to-day operation

## 9.1 Switching your receiver ON, or to LOW POWER or STAND-BY

In standby mode, there is no picture, no sound but your receiver is still active and the display indicates the time or .

In low power mode, your receiver is off and the  button indicator is lit in red.



Your receiver is in low power:

- Press **P+**, **P-**, or **TV/RADIO** either on the remote control or front panel, or press any number key on the remote control to switch to standby.

Your receiver is in standby:

- Press **P+**, **P-**, or **TV/RADIO** either on the remote control or front panel, or press any number key on the remote control to switch the receiver on.

You are watching digital TV or listening to digital radio.

- To put your receiver in stand-by, press  either on the remote control or front panel.
- To put your receiver in "low power", press  for 2 seconds either on the remote control or front panel.

Although it is recommended to switch your receiver to "low power" when not using it so as to save energy, bear in mind that update functions are not supported in "low power". Thus you should allow your receiver to remain in standby regularly (at least once a week) so as to enable updates.

## 9.2 Switching from watching digital TV to listening to digital radio

To switch your receiver from digital TV to digital radio and from digital radio to digital TV:

- Press **TV/RADIO** either on the remote control or on the front panel.

## 9.3 Changing channels while watching digital TV or listening to digital radio

### 9.3.1 Using number keys of the remote control

- Dial a number using the remote number keys to tune the corresponding channel.

### 9.3.2 Using P+/P- keys of the remote control or P+/P- buttons of the front panel

- Press **P+** to tune the next channel in the current channel list.
- Press **P-** to tune the previous channel in the current channel list.

### 9.3.3 Using channel lists

To select a channel from a channel list:

- Press **LIST** to display the current channel list (either the main TV list or a favourite list previously selected).
- Press **LIST** repeatedly to display the list you want to select.
- Scroll to the channel you want to tune using the **▲** or **▼** key. Scroll from one page to another using the **▲** or **▼** remote control key.
- Press **OK** to confirm your choice. You can preview the channel on the right hand side of the screen or listen to the selected radio channel.
- Press **OK** again to close the channel list and watch the programme in full screen view.



Empty favourite lists cannot be opened.

## 9.4 Banner

An information banner is used to display information about the current channel and programme. Each time you change channel, the banner appears at the bottom of the screen, indicating:

- the current date and time
- the current channel list name
- the current channel name and number in the current channel list
- icons indicating the channel characteristics, e.g. availability of subtitles (see icon description table)
- NOW programme information (and NEXT programme information, accessible by pressing the **►** key)
- a bar graph indicating:
  - the start time of the current programme,
  - the start time of the next programme,
  - the current progress.

To display the banner anytime while watching digital TV or listening to digital radio:

- Press **i+** (INFO).

For more info about the current programme while the banner is on:

- Press **i+** (INFO) a second time.

To close the banner:

- Press **i+** (INFO) a third time.



Icon	Description
<b>I-II</b>	Soundtrack selection
<b>FAV</b>	Current favourite list
	Maturity rating available
	Scrambled channel
	Locked channel
	Subtitles available
	Dolby Digital audio available
	Additional info available
	Reminder set
	Recording timer set
	16:9 format available (EPG only)
<b>HD</b>	HD programme available
<b>OPT</b>	Alternate options available

## 9.5 Volume control / /

Your remote control is set to perform volume control through a Philips TV set. If you have a TV set other than Philips, refer to paragraph 16.3 to adapt the brand setting of your remote control to your TV set.



## 9.6 Current programme options/Lip Synchronisation

The **OPT** key is used to directly access the video content selection, audio language, subtitles language, teletext options and Lip synchronisation (sound-pictures synchronisation).

To change the current programme options:

- Press **OPT**.
- Set the desired setting using the ◀ or ▶ key.
- Press **OPT** to exit.

By default, subtitles are disabled.

If you use digital audio connections as described in paragraph 7.1.3 and experience sound-pictures de-synchronisation, change the **Lip Synchronisation** setting.

To change the **Lip Synchronisation** setting:

- Press **OPT**.
- Press the blue colour key.
- Change the setting as appropriate using the ◀ or ▶ key.
- Press the blue colour key to save the change.
- Press **OPT** to exit.



## 9.7 Electronic Programme Guide (EPG)

While watching digital TV or listening to digital radio:

- Press **EPG** to open the EPG for the current channel. The highlight is on the current programme (also called "NOW" programme).

If after a short time no information appears for the current or the next programme, it means that no information is available.

- Press **ⓘ** (INFO) to display extended information for the highlighted programme. When information is made up of several pages, press ▲ or ▼ to scroll up or down. Press **ⓘ** (INFO) again to quit extended information.
- Press the ▼ or ▲ key to move the highlight to the previous or next programme respectively.
- Press the ◀ or ▶ key to view the previous or next day programme list respectively.
- Press **P-** or **P+** to view the previous or next channel programme list respectively.

To set a recording timer or a reminder, follow the instructions displayed on the screen.

EPG information has to be updated regularly (at least once a week). Updates are performed automatically every time you turn your receiver to standby. To allow for complete update of EPG information, make sure you regularly turn your receiver to standby. If your EPG information has not been completely updated, some pieces of information may not be available; for instance, you might get incomplete information when performing a search. Also note that EPG information has to be fully reloaded in case of power failure, "low power" mode, or network or content modification.


## 9.8 Set or delete recording timers

Recording timers are used to perform VCR or DVD recordings.



Please note that during a recording your receiver is locked and most remote control keys are inactive. To watch another digital channel, you must cancel the active timer.

### 9.8.1 Setting a timer in the EPG

- In the EPG, press **TIMER** once to set a recording on the selected programme that is highlighted. Press **TIMER** once again to set a reminder on the programme. The timer type is signalled in the highlight using icon **OO** for recordings or icon  for reminders. Press **TIMER** a third time to delete the timer.

When setting a timer on a locked channel, you will be prompted to enter your password.

To edit a timer from the EPG:

- Move the highlight to the desired programme and press **OK** to access the Timer Edition screen.

### 9.8.2 Cancelling an active timer

A timer is active; recording is signalled by the **RECORDING** indication on the display.

To delete the active timer:

- If your receiver is in standby, press **P+**, **P-**, **TV/RADIO**, or any number key.
- Press the key sequence **TIMER** then **0** to cancel the active timer. The **RECORDING** indication then disappears and you can change channels.

### 9.8.3 Your receiver is locked with the **RECORDING** indication shown on the front display

Your receiver is blocked because a timer is active.

- Press the key sequence **TIMER** then **0** to cancel the active time and recover full control of your receiver.

## 9.9 Viewing teletext

- Press **TEXT**.
- Use number keys to select a page.
- Press **TEXT** to exit.

## 9.10 Checking or changing the video output resolution setting

To check the current output resolution setting, press **V-Format** once.

In case the picture displayed is distorted, try switching between output resolution settings by successively pressing **V-Format**.

# 10 PIN-Code for the protection of minors

EN



By entering your PIN code, you can watch programmes that have been locked for child protection at any time of the day or night - without neglecting the issue of child protection. For a programme to be passed for universal viewing, a certificate is required by law from the FSK (Free Self Control) on behalf of the State Child Protection Authorities. For a locked programme to be broadcast, a 4-digit PIN code has to be entered. You receive your PIN code together with your smart card.

This code is different from your password (also called "system password").

## 11 Premiere features



Some Premiere channels offer you special features. On so-called "Options channels", during sports broadcasts, you can choose between different matches (e.g. football), change audio soundtracks (e.g. stadium/commentary) or choose between different camera angles (Formula 1).

Using the "Options channels" on the PREMIERE DIREKT portal channels, you can also choose the start time of your choice for the movie you're ordering.

### 11.1 Premiere Sports portal

Premiere sports broadcasts are available via the Options channels. This means that the viewer can choose from a wide variety of channels and angles via the Premiere sports portal.

To select a specific sports event, simply:

- Switch on the Premiere Sports portal.
- Press the yellow **OPT** button on your remote control. The options menu will be displayed.
- Use the **▲** or **▼** buttons under picture selection to select the desired sports broadcast.
- Press the **OK** button to view the programme.



### 11.2 PREMIERE DIREKT (Near-Video-on-Demand)

With PREMIERE DIREKT you choose programmes at different start times, round the clock.

All the information about the programmes on offer, prices and the process of ordering is available on the PREMIERE DIREKT portal or at [www.premiere.de/direkt](http://www.premiere.de/direkt).

To view a film you've ordered from the PREMIERE DIREKT portal:

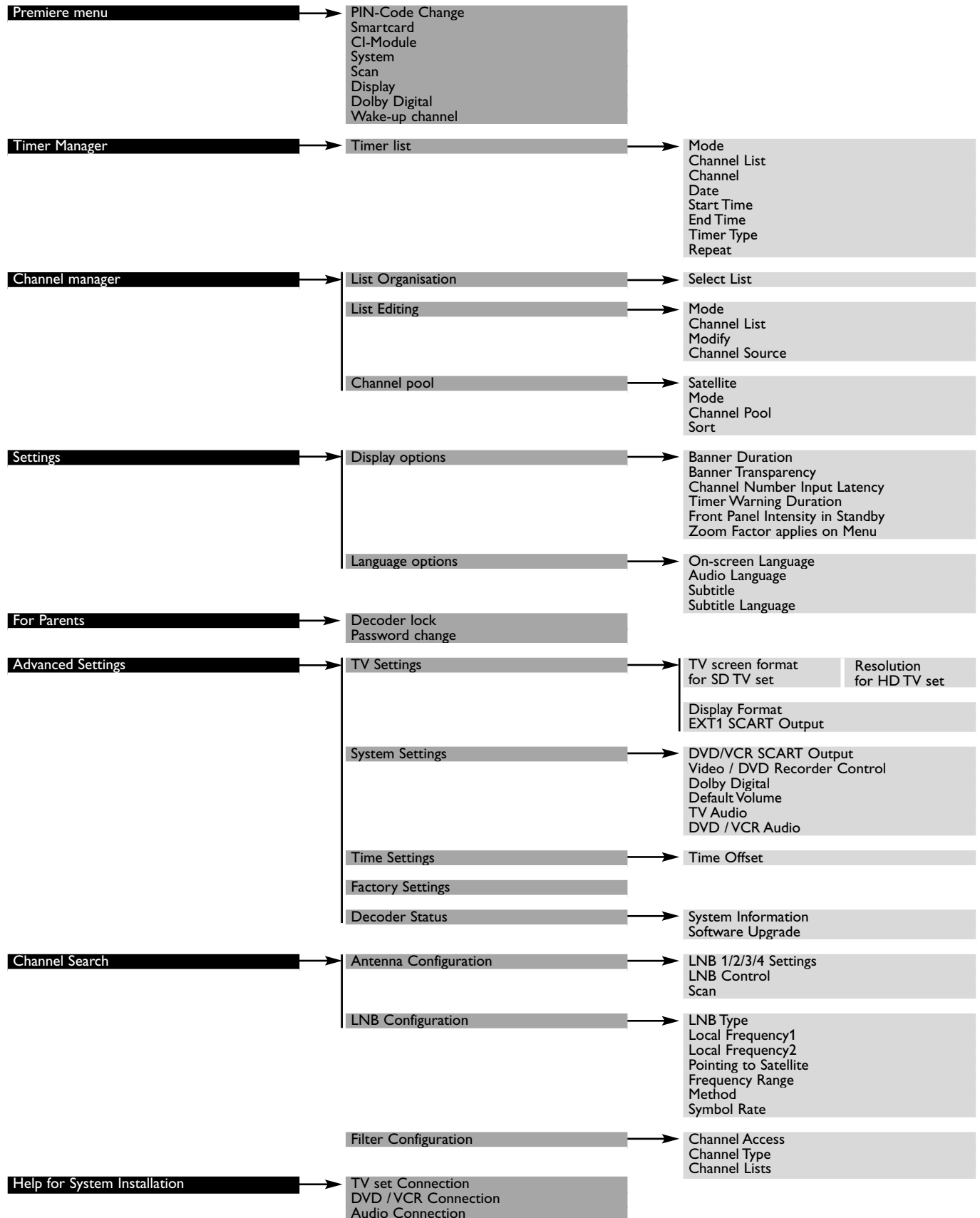
- Switch on PREMIERE DIREKT 5 minutes before the start of the film.
- Press the **OPT** button on the remote control. The options menu will be displayed.
- Use the **▲** und **▼** buttons under picture selection to select the options channel you ordered with the correct time, for example D2 - 5.30pm.
- Press the **OK** button on your remote control to view the selected programme.



# 12 Menu system

## 12.1 Menu tree

EN





# 13 Premiere Menu

EN

The Premiere Menu includes the following items:

- o PIN Code Change
- o Smartcard
- o CI module
- o System
- o Scan
- o Display
- o Dolby Digital
- o Wake up



## 13.1 PIN Code Change

This screen is used to modify the PIN code for the protection of minors. To modify your PIN code, follow the instructions displayed on screen.



## 13.2 Smartcard

This screen is used to display information about your smartcard.

## 13.3 CI module

This screen is used to open a dialogue with the common interface module and the smart card inserted in it.

## 13.4 System

This screen is used to display information about your receiver, including the Premiere Serial Number and software version.

### 13.4.1 Software Upgrade

#### 13.4.1.1 Automatic software upgrade notification

While in Stand-by, your receiver searches for software upgrade. If available, a notification is displayed at receiver wake-up from Stand-by. To upgrade your receiver, follow the instructions displayed on screen.



#### 13.4.1.2 Check for new software availability

- Press the red colour key from the **System** screen described above to launch a search for new software. After a few seconds, the **Software Upgrade** screen indicates whether new software is available.
- To proceed with the receiver software upgrade, refer to paragraph 14.5.5.2.

#### 13.4.2 Factory Settings

This screen is used to reset your receiver back to the factory default condition.

- Press the green colour key.
- When prompted, press the green colour key again to confirm.
- Alternatively, press **EXIT** to exit the screen without modifying the receiver settings.



If you reset your receiver to factory settings, you lose all the settings you stored previously.



### 13.5 Scan

This screen is used to view the date and results of the last scan performed. It may also be used to launch a new scan.

- Press the green colour key to search for **Premiere** channels only.
- Alternatively, press the yellow colour key to search for **All** channels.

The **Antenna Configuration** screen is displayed, respectively with the **Premiere** or **All** channel access filter set on.

- Press **OK** to start scanning.



### 13.6 Display

This screen is used to set your receiver according to your TV set screen format and depending on the output selected (HDMI/DVI, YPbPr, or EXT1/2).

- Set values for the following (default settings are underlined):

	HDTV output		SDTV output
	HDMI/DVI	YPbPr	EXT1/2
TV Screen Format	<b>16: 9</b>		<b>4: 3</b> or <b>16: 9</b> , depending on your TV set
Display format	<b>Full Screen</b> or <b>Pillar Box</b> , or <b>Extended</b> See table in paragraph 14.5.1.		<b>Auto</b> or <b>Letter Box</b> , or <b>Centre Cut-Out</b>
Resolution	<u>Auto</u> , <b>1080i</b> , <b>720p</b> , or <b>576p</b>		Not adjustable (always 576i)
TV SCART Output	Not applicable		<b>RGB</b> (recommended) or <b>CVBS</b> , or <b>S-VIDEO</b>
AV Control			<u>On</u> (recommended) or <b>Off</b>

- Press **EXIT** to exit the screen.



### 13.7 Dolby Digital out of the digital audio output

This screen is used to enable/disable Dolby Digital sound. When Dolby Digital is disabled, you can still get stereo sound in digital format (PCM).



### 13.8 Wake up

This screen is used to set the channel to be tuned at the receiver wake-up. Default setting is programme 100.



# 14 Settings

EN

## 14.1 Timer Manager

The Timer Manager is used to set, edit or delete:

- o recording timers for the programmes you want to record using your VCR or DVD recorder;
- o reminders for the programmes you want to see in the near future.



To be able to record a digital channel using a VCR or DVD recorder, you must program both your recorder and receiver:

- You must set a timer on your receiver.
- You must also set a timer on the VCR or DVD recorder (refer to the VCR or DVD recorder user manual).

If you have a Philips VCR or DVD recorder, you can avoid setting a timer on the VCR or DVD recorder by using the Video/DVD Recorder Control feature. Refer to paragraph 15.3 for more information on Video/DVD Recorder Control.

### To delete an existing timer:

- Scroll to the timer you want to delete.
- Press the red colour key to delete it from the timer list.
- Press **EXIT** to exit the screen.

### To set or edit a timer:

- Scroll to the timer you want to edit and press **OK** to select it from the timer list.
- Alternatively, simply press the green colour key to set a new timer.
- Then set or modify the following:
  - **Mode:** select **TV** or **Radio** service using the ◀ or ▶ key.
  - **Channel list:** select the list to which the channel you want to record belongs using the ◀ or ▶ key.
  - **Channel:** select the number of the channel on which the programme you want to record is broadcast using the ◀ or ▶ key or number keys.
  - **Date:** select a date using the number keys or the ◀ or ▶ key.
  - **Start time:** select a start time using the number keys or the ◀ or ▶ key to modify the default time in steps of 1 hour.
  - **End Time:** select a end time using the number keys or the ◀ or ▶ key to modify the default time in steps of 1 hour.
  - **Timer Type:** select Recording or Reminder
  - **Repeat:** select **Once** for a single recording at the selected time and date, **Every day** to record once every day, or **Every week** to record once every week using the ◀ or ▶ key.
- Press **OK** to confirm, or **EXIT** to go back to the timer list screen.

When a recording timer is active, you cannot change digital channels, but you can switch to analogue TV from your TV set and zap through analogue channels.



## 14.2 Channel Manager

The Channel Manager sub menu includes the following items:

- o List Organization
- o List Editing
- o Channel Pool

### 14.2.1 List Organization

This item is used to add new TV/Radio channel lists, delete existing TV/Radio channel lists, or reorder or rename the existing lists.

- Select TV or Radio channel lists using the **TV/RADIO** key.





#### To add or delete channel lists:

- Press the green colour key to add a new list. At this stage, the new channel list is empty.
- Or scroll to the list you want to delete using the ▲▼ keys, and press the red colour key. You are then prompted to confirm deletion.

#### To reorder your existing channel lists:

- Scroll to the list you want to move using the ▲▼ keys.
- Press the yellow colour key to enable the reordering feature.
- Move the channel list to the desired position using the ▲▼ keys.
- Press **OK** to confirm the new position.



#### To rename an existing channel list:

- Scroll to the list you want to rename using the ▲▼ keys.
- Press **OK**. A new screen appears.
- Press ► to enable the renaming feature.
- Edit the channel list name, using the ◀ or ▶ key to move to the character to be modified, and the ▲▼ keys to scroll through available characters.

Use the red colour key to delete a character, and the green colour key to switch from upper to lower case.

- Press **OK** to confirm or **EXIT** to cancel your changes and return to the previous screen.

#### To confirm your changes and exit the List Organization screen:

- Press **EXIT**.



### 14.2.2 List Editing

This item is used to edit your channel lists.

- Select the list to be edited by setting values for the following:
  - **Mode:** **TV** or **Radio** depending on the type of channel list you want to edit
  - **Channel List:** name of the channel list you want to edit
  - **Modification:** modification feature you want to use: **Add Channels** or **Remove/Reorder Channels**

In case you selected the **Add Channels** feature, you must also define the channel pool from which you want to add channels by setting values for the following:

- **Satellite:** satellite broadcasting the channels you want to add
- **Channel Pool:** channel properties you want to use as filtering criteria
- **Sort:** list ordering method
- Press **OK** to access the next screen. It may take a few seconds for this screen to appear.



#### To remove channels from the selected list:

- Scroll to the channel you want to delete using the ▲▼ keys and then press **OK**.
- Alternatively, press the red colour key to delete all channels. You are then prompted to confirm deletion.

#### To reorder channels in the selected list:

- Scroll to the channel you want to move using the ▲▼ keys.
- Press the yellow colour key. Scrolling arrows appear.
- Move the channel to the desired position using the ▲▼ keys.
- Press **OK** to confirm.

#### To add channels to the selected list:

- Press the green colour key to add all the new channels available in the selected channel pool, displayed on the left hand side of the screen.
- Alternatively, scroll to the channel(s) you want to add using the ▲▼ keys and press **OK**.
- Press **EXIT** to exit the screen.

### 14.2.3 Channel Pool

The channel pool contains all the channels found during the scan. This item is used to:

- o activate or de-activate channels from the channel pool;
- o lock or unlock channels from the channel pool.

When zapping through the channel lists, de-activated channel names appear greyed out, and locked channels are protected by PIN-Code.



#### To set the subset of the channel pool you want to consult:

- Select values for the following:
  - **Satellite:** satellite broadcasting the channels you want to manage
  - **Mode:** TV or Radio depending on the type of channels you want to manage
  - **Channel Pool:** channel properties to be used as filtering criteria
  - **Sort:** list ordering method
- Press **OK** to access the next screen. It may take a few seconds for this screen to appear.


#### To activate all channels:

- Press the green colour key.
- Press **OK** to confirm or **EXIT** to cancel.

#### To de-activate a particular channel:

- Scroll to the channel you want to de-activate.
- Press **OK** to de-activate it. Press **OK** again to re-activate it.
- Press **EXIT** to exit the screen.

#### To lock a particular channel:

- Scroll to the channel you want to lock.
- Press the yellow colour key to lock it. A  mark appears, indicating that the channel is locked. Press **OK** again to unlock it.
- Press **EXIT** to exit the screen.

## 14.3 Settings

Settings is used to set:

- Display options
- Language options

### 14.3.1 Display options

This screen is used to set display options according to your preferences.

- Select values for the following:
  - **Banner Duration:** select a banner display duration, from 2 to 8 seconds using the ◀ or ▶ key.
  - **Banner Transparency:** select On to enable banner transparency.
  - **Channel Number Input Latency:** select the time lapse after which a number key press is taken into account, from 1 to 5 using the ◀ or ▶ key.
  - **Timer Warning Duration:** select a banner display duration, from 15 seconds to 5 minutes using the ◀ or ▶ key.
  - **Front panel intensity in Standby:** Low or High
  - **Zoom factor applies on menu:** from 1.0 (no zoom) to 1.2 (+20 % zoom)
- Press **OK** to confirm.



### 14.3.2 Language options

This screen is used to set language options according to your preferences.

- Select values for the following:
  - **On-Screen Language:** select a language for on-screen display
  - **Audio Language:** select your audio language
  - **Subtitles:** select **On**, **"If audio not available"**, **"Hard of hearing"** for special subtitles for deaf or Hard of Hearing viewers, or **Off** to disable subtitles.
  - **Subtitles Language:** select subtitles language.
- Press **OK** to confirm.





# 14.4 For Parents


This screen is used to enable Parental Lock and change your receiver password. The password is a 4-digit code used to lock channels and features of the receiver. This code is different from the PIN code, which is a 4-digit code used to prevent access to programmes not intended for persons under 18.

## To enable Parental Lock:

- Select **Yes** to enable Parental Lock.
  - Alternatively, select **No** to disable Parental Lock.
- Additionally, you may modify your receiver password from this screen.

## To modify your receiver password:

- 1 Press the red colour key to access the Password Change feature.
- 2 Enter your current password.  
If you have never changed your password, enter 1234 (factory setting).
- 3 Enter your new password using number keys. Note that your password cannot be made up of identical digits.

 1911 must not be used as a password!

- 4 Enter your new password again to confirm.
- 5 Press **EXIT**.



# 14.5 Advanced settings

The Settings sub menu menu includes the following items:

- TV Settings
- System Settings
- Time Settings
- Decoder Status
- Factory Settings

## 14.5.1 TV Settings

This screen is used to set aspect ratio settings.

- Select values for the following (default settings are underlined):
- Press **OK** to confirm.

	HDTV output		SDTV output
	HDMI/DVI	YPbPr	EXT1/2
Resolution	<u>Auto</u> , 1080i, 720p, or 576p		Not applicable
TV Screen Format	Not adjustable (always 16: 9)		<u>4: 3</u> or <u>16: 9</u> , or <u>Auto</u> depending on your TV set
Display format	<u>Full Screen</u> or <u>Pillar Box</u> , or <u>Extended</u> See tables below.		<u>Auto</u> or <u>Letter Box</u> , or <u>Centre Cut-Out</u>
TV SCART Output	<u>CVBS</u> , or <u>S-VIDEO</u>		<u>RGB</u> (recommended) or <u>CVBS</u> , or <u>S-VIDEO</u>

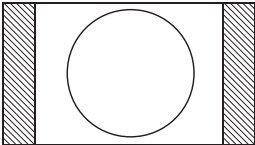
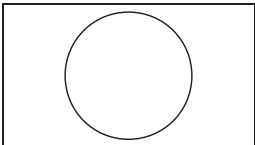
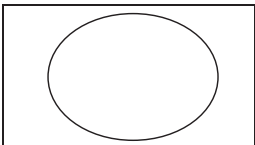
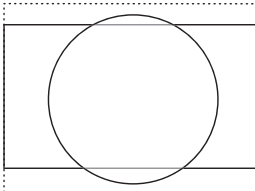
**Display format** is used to set the way the video is transformed in case the broadcast aspect ratio and your TV screen format (4:3 or 16:9) do not match.

Select **Auto** for automatic format selection.

#### Case1:

Video via HD connection (HDMI/DVI or YPbPr)

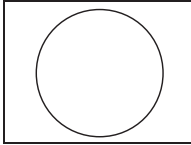
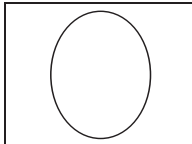
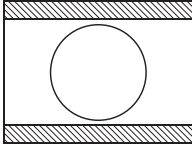
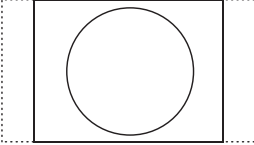
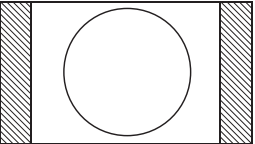
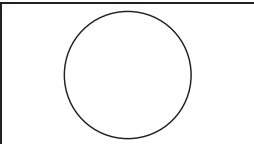
TV screen format is supposed to be 16:9

	Broadcast is 4:3	Broadcast is 16:9
Pillar box		
Extended		
Full screen		

#### Case2:

Video via SCART

TV screen format is either 4:3 or 16:9

		Broadcast is 4:3	Broadcast is 16:9
<b>TV is 4:3</b>	Auto		
	Letter box		
	Centre cut-out		
<b>TV is 16:9</b>	Any setting		



### 14.5.2 System Settings

This screen is used to set your receiver audio/video output settings.

- Select values for the following:
  - **DVD/VCR SCART Output:** select the EXT2 SCART output format supported by your TV set and DVD/VCR (refer to your TV and DVD/VCR user manual for more information)
  - **Dolby Digital:** select **ON** to enable Dolby Digital sound
  - **Video/DVD Recorder Control:** **No**, **Prepare Record**, or **Record Link** depending on the control feature supported by your recorder (for more information, refer to paragraph 15.3 of this manual or to your recorder user manual)
  - **TV Audio:** select **Stereo** or **Mono** depending the audio output format of your TV
  - **DVD/VCR Audio:** select Stereo or Mono depending the audio output format of your DVD/VCR
  - **Default Volume:** select the volume level at wake-up.
- Press **OK** to confirm.

### 14.5.3 Time Settings

This screen is used to set the local time offset with respect to actual local time retrieved from the network.

The offset setting is updated automatically when tuning on channels broadcasted by Astra.

- Select the appropriate **Time Offset** with respect to GMT time.
- Press **OK** to confirm and exit the screen, or **EXIT** to exit without storing the changes.

### 14.5.4 Factory Settings

This screen is used to reset your receiver back to the factory default condition.

- When prompted, press the red colour key to confirm.
- Alternatively, press **EXIT** to exit the screen without modifying the receiver settings.

If you reset your receiver to factory settings, you lose all the settings you stored previously.

### 14.5.5 Decoder Status

The Decoder Status sub menu menu includes the following items:

- o System Information
- o Decoder Upgrade

#### 14.5.5.1 System Information

This screen is used to display information about your receiver, including the Premiere Serial Number and software version.

You can also access this screen via the Premiere menu.

#### 14.5.5.2 Software Upgrade

This item is used for software upgrades. Select it to check the current software version as well as launch a search for new software. After a while, the **Software Upgrade** screen indicates whether new software is available.

- Press **EXIT** to exit the screen in case no new software is available.

In case software is available, you are offered three options:


- Press the green colour key to choose to upgrade your receiver immediately, and then press **OK** to launch new software installation.
- Or press the yellow colour key to choose to upgrade your receiver later, and then press **OK** to confirm your choice. New software installation takes place as soon as you set your receiver to standby.
- Or press the red colour key to refuse to upgrade your receiver and return to the Decoder status sub menu.



After successful software installation, a confirmation message is displayed. In case of installation failure, a failure message is displayed, indicating that a new installation attempt will take place as soon as you set your receiver to standby. In both cases, press **OK** to exit the upgrade process.

You can also launch a search for new software from the screen described above using the red colour key.

#### Software upgrade messages

START UPDATE	Software update starting
LOADING 000 LOADING 100	Software loading progress: from 0 to 100%
SAVING 000 SAVING 100	Software storing progress: from 0 to 100%  Do not unplug the receiver before the end of the storing operation.



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## 14.6 Channel Search

This item is used to perform full satellite antenna system installation and search for new channels.

Before starting a search, configure the settings according to the following sequence:

### 14.6.1 Antenna Configuration

- Select appropriate antenna control (Tone Burst or DiSeqC) depending on your setup.
- Allocate the appropriate satellite(s) to the LNB(s). Alternatively, launch auto-detection using the red colour key for automatic identification of available satellites, then press **EXIT** to go back to the **Antenna Configuration** screen.

The system can detect the following satellites: ASTRA 19.2° East, ASTRA3 23.5° East, HOT BIRD 13° East, Eutelsat W, and Türksat 1C.

- If necessary, configure the more advanced settings as described in the next paragraphs.

### 14.6.2 LNB Configuration

To change the LNB and symbol rate settings:

- Press the blue colour key from the Antenna Configuration screen to access the LNB Configuration screen.
- Select the LNB type corresponding to the selected LNB and the satellite it is pointing at.
- Select the desired satellite: default setting is ASTRA 19.2° East. To select another satellite, press the blue colour key.
- Select the frequency range to be scanned: press the blue colour key, and then select either **FULL** to scan the whole frequency range, or **CUSTOM** to scan a particular frequency range. In the second case, enter the range low and high frequencies.
- From the LNB configuration screen, you may also access the screen used to select symbol rates for the selected LNB using the red colour key.
- Press **EXIT** once or twice to go back to the Antenna Configuration screen.

### 14.6.3 Filter Configuration

To define the channels to be searched:

- Press the green colour key from the **Antenna Configuration** screen to access the **Filter Configuration** screen.
- Select values for the following scanning filters:
- Channel Access: select from the available channel groups; i.e. **All**, **FTA** (free-to-air), **PREMIERE**, or **FTA+PREMIERE**



- Channels lists: select **RESET** to replace all channel lists, **VIRGIN** to reset the receiver to the factory settings by pressing the red colour key, and then launch first installation, or **NO CHANGE** to keep your channel lists as they are.

In case you select **NO CHANGE**, you will need to use the Channel Manager feature to add channels to your lists from the updated channel pool.

- Press **EXIT** to go back to the **Antenna Configuration** screen.

#### 14.6.4 Search for new channels

- Check for adequate signal strength and quality for each LNB/satellite.

To display the signal strength and quality for a particular satellite, scroll to the corresponding LNB.

- If necessary, change the pointing of your antenna(s) so as to maximize the level of the signal quality and strength bargraph indicators, then fasten your antenna(s) according to the antenna user manual instructions.

To enable the audible signal quality indicator, press the yellow colour key.

- Press **OK** to start searching for channels. The **Installation** screen appears.

During the scanning process, the following information is reported on screen:

- the number of TV and Radio channels found,
- the scanning progress, indicated as a percentage,
- the strength of the signal and the quality of reception.

If you press **EXIT** during the scanning process, you interrupt the scanning and return to the Antenna Configuration screen. In this case, none of the channels found are stored.

When scanning has been successfully completed, a completion message is displayed as well as the number of channels detected.

- Press **OK** to tune the receiver to the first channel in the main channel list.



# 15 Advanced settings

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## 15.1 Restoring factory settings


To restore your receiver factory settings, refer to paragraph 14.5.4.

## 15.2 Changing the remote control setting

If you have other items of equipment in your home and the remote control of the Philips receiver interferes with them, you can change the setting of the remote control. For this you must first change the setting of your remote control and then change the setting of your receiver.



### First change the setting of your remote control:

- Select the **STB** mode.
- Simultaneously press number keys **1** and **3** and hold them for at least 3 seconds. The green indicator surrounding the  key blinks twice.
- Simultaneously release the two keys.
- Enter the new setting within the next 60 seconds:
  - 1646 for alternative setting (STB 2)
  - 1103 for the default factory setting (STB 1)

The green indicator surrounding the  key blinks twice again, indicating successful setting change. The remote control can also be tested by trying to control the receiver. If the setting has been changed, the remote no longer operates the receiver.

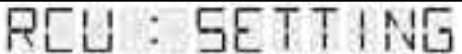



If the batteries are removed while a key is being pressed, the default factory setting is restored.

### Then change the setting of your receiver:

- Disconnect your receiver from the mains.
- Reconnect your receiver to the mains. The green indicator turns on, then it turns off while  displays. When the green indicator starts blinking, simultaneously and briefly press the **P+** and **P-** buttons on the front panel.  appears.
- Press the **OK** key of your remote control.

The display then indicates either the setting change or the setting change failure (see table below).

### Remote control setting messages

	Receiver in remote control setting change mode
	Successful remote control setting change
	Remote control setting changed
	Remote control setting change failed

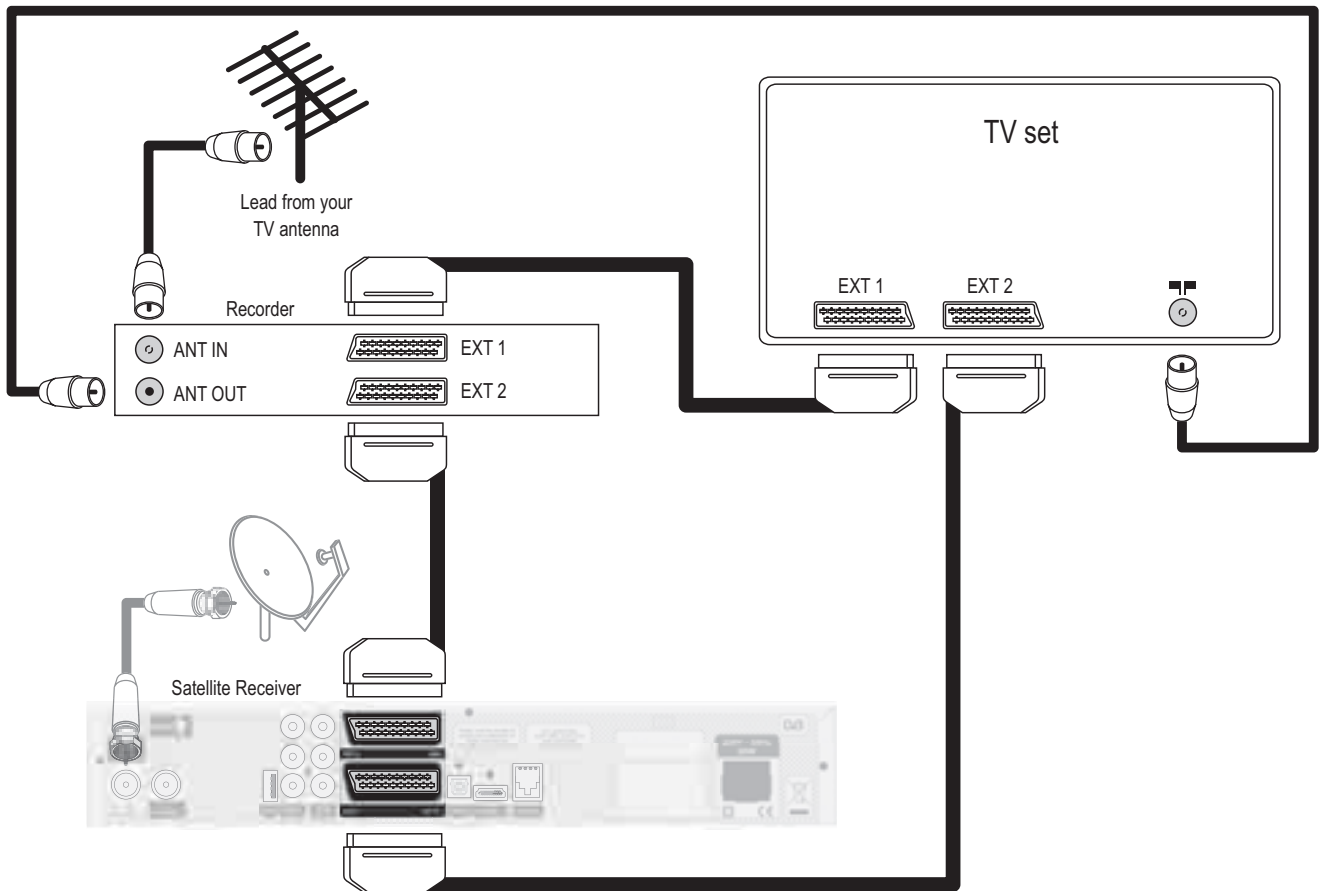
## 15.3 VCR or DVD recorder control

### 15.3.1 Connecting your equipment for Video/DVD Recorder Control

The Video/DVD Recorder Control feature allows automatic recording without requiring you to programme your VCR or DVD recorder. All you need to do is set a recording timer on your receiver. Your VCR or DVD recorder will then start/stop recording automatically. Prior to setting this feature:

- Consult the user manual of your VCR or DVD recorder to check if and how VCR/DVD is supported (sometimes called Easy Recording). Most Philips VCR and DVD recorders support one of the two Video/DVD Recorder Control options, i.e. Prepare Record or Record Link.
- Check that your TV and VCR or DVD are both fitted with two SCART sockets.

- Incorporate your receiver in your existing installation as described below.



- Connect the cable from the satellite dish to the "SAT IN" socket of your digital receiver.
  - Connect the "EXT1" SCART socket of your digital receiver to the EXT1 SCART socket of your TV using the SCART lead supplied with your digital receiver.
  - Connect the "EXT2" SCART socket of your digital receiver to the EXT2 SCART socket of your recorder (called "IN" or "DECODER") using a SCART lead.
  - Connect the EXT1 SCART socket of your recorder (called "OUT") to the "EXT2" SCART socket of your TV using a SCART lead.
- Plug all your equipment, excluding your digital receiver, into the mains.
- Read chapter 1 to proceed with the channel scan if not already done.

With this connection set up:

- You can watch digital TV while you record analogue TV.
- You can watch analogue TV while you record digital TV.
- You can record the digital TV channel you are watching.

Some VCR or DVD recorders need to be in standby to use the Easy recording or Record link feature. Refer to your VCR or DVD recorder user manual.

### 15.3.2 Digital receiver and VCR or DVD recorder settings

- Depending on your VCR or DVD recorder brand and type, you have to set the recording control option to "Prepare Record" or "Record Link". Refer to the VCR or DVD recorder user manual, or try the two options to find out which is most suitable.
- Set your VCR or DVD to "Prepare Record" or "Record Link" to allow control by your digital receiver.

### 15.3.3 Recording using the Video/DVD Recorder Control feature

- Your digital receiver, TV and VCR or DVD are connected and set according to paragraph 15.3.1.
- You have set a timer on your digital receiver.
- At timer start, your VCR or DVD recorder starts recording, and at timer end it stops recording under the control of your digital receiver. You no longer need VCR or DVD programming to record digital TV channels.

# 16 Programming your remote control for your audio/video equipment brands

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Prior to using your universal remote control, check or set the following:

- Device you want to control (Mode selection)
- Volume and mute control assignment
- Brand setting for your TV, VCR, DVD and Amplifier

## 16.1 Mode selection (selecting the device you want to control)

Your 5-in-1 remote control can be used to control most of your audio/video equipment through various modes:

- **STB** mode for the control of your Digital Receiver
- **TV** mode for the control of your TV set
- **VCR** mode for the control of your VCR
- **DVD** mode for the control of your DVD or DVD Recorder
- **AMP** mode for the control of your audio tuner/amplifier.



Press **SELECT** once to check which mode is active. To change the mode, press **SELECT** repeatedly until the desired mode is signalled by the corresponding indicator. The mode sequence is STB --> TV --> VCR --> DVD --> AMP.

## 16.2 Volume and mute control assignment

### 16.2.1 Default volume and mute control assignment

For each mode, you can select the device of your audio/video set-up to which volume and mute control is assigned.

When in **STB** mode, the volume functions ( +, - and keys) can be controlled through your TV set, amplifier, or digital receiver. By default, volume control is performed through a Philips brand TV set.



When in **TV**, **VCR** or **DVD** mode, the volume functions ( +, - and keys) can be controlled through your TV set or amplifier. By default, volume control is performed through a Philips brand TV set.

When in **AMP** mode, the volume functions ( +, - and keys) can be controlled through a Philips brand amplifier only.

### 16.2.2 Changing the volume and mute control assignment

The procedures below assume you start from default settings.

**Your Digital Receiver (STB), TV, VCR or DVD audio outputs are “all” connected to your amplifier**

**We advise you to assign volume control to your amplifier for all modes (STB, TV, VCR, and DVD). To do so:**

- Press **SELECT** repeatedly to select the **AMP** mode.
- Simultaneously press keys 1 and 3 until the AMP indicator turns on then release these keys.
- Enter code 993. The indicator surrounding the key blinks once after each entry.
- Press the key. The indicator surrounding the key blinks twice.

From then on, whatever mode you are in, the AMP indicator turns on each time you press one of the ( +, - and keys).

When controlling the volume, make sure the source selector of your amplifier is properly set (refer to your amplifier user manual for source selection).

Your TV set is only fitted with SCART connectors (no HDMI, no DVI and no YPbPr)

We advise you to assign volume control to your digital receiver for the STB mode. To do so:

- Press **SELECT** repeatedly to select the **STB** mode.
- Simultaneously press keys 1 and 3 until the STB indicator turns on then release the keys.
- Enter code 993. The indicator surrounding the key blinks once after each digit entry.
- Press the - key. The indicator surrounding the key blinks twice.

You have made several setting changes and you want to restore the default volume control assignment settings (see table in next paragraph)

Default volume control assignment means:



in **TV** mode, volume control is performed through a Philips brand TV set

in **VCR** mode, volume control is performed through a Philips brand TV set

in **DVD** mode, volume control is performed through a Philips brand TV set

in **AMP** mode, volume control is performed through a Philips brand amplifier only.




To restore default settings:


- Simultaneously press keys 1 and 3 until the indicator surrounding the  key blinks twice then release these keys.
- Enter code 981. The indicator surrounding the  key blinks twice.

## 16.3 Changing the brand setting of your remote control for your TV, VCR, DVD or Amplifier

By default at first power up or at first installation, your universal remote control is pre-set to control your Digital Receiver as well as most Philips brand audio/video devices.

If you have other brands of devices, or if the presets do not enable you to control your Philips device, please follow the procedure below.

- 1 Choose one brand code, made up of 4 digits, from the code list at the end of this manual. (If several codes are possible, go through this procedure with the first code and try your remote control. If you are not successful, repeat the procedure with the second code, and so on).
- 2 Press the SELECT key repeatedly to choose the mode corresponding to the type of device you want to set up (TV, VCR, DVD or Amp/Tuner).
- 3 Simultaneously press digits 1 and 3 until the indicator surrounding the  key blinks twice then release these keys.
- 4 Enter the 4 digit code corresponding to the device brand you have chosen. The indicator surrounding the  key blinks once after each one of the first three entries. The indicator surrounding the  key blinks twice after the fourth entry.

If an invalid code has been entered, the indicator surrounding the  key blinks once only. Restart from step 1.

We advise you to fill in the table below to keep a record of your personal remote control settings. This will be helpful the day you have to replace the remote control batteries (see Note 1 below).

		Default setting			Your personal setting		
		Brand	Code	Volume control performed through	Brand	Code	Volume control performed through
M O D E	TV set	Philips	0556	TV			
	Video rec.	Philips	0081	TV			
	DVD	Philips	0539	TV			
	Amp.	Philips	1742	AMP			
	STB	STB 1		TV	STB (1 or 2)		

### 1 Battery change

If the battery change takes more than 1 minute the remote control may return to the Philips default settings. Therefore you have to proceed with a new setting of your remote control with the help of the table above for your non-Philips branded devices.

### 2 Disclaimer

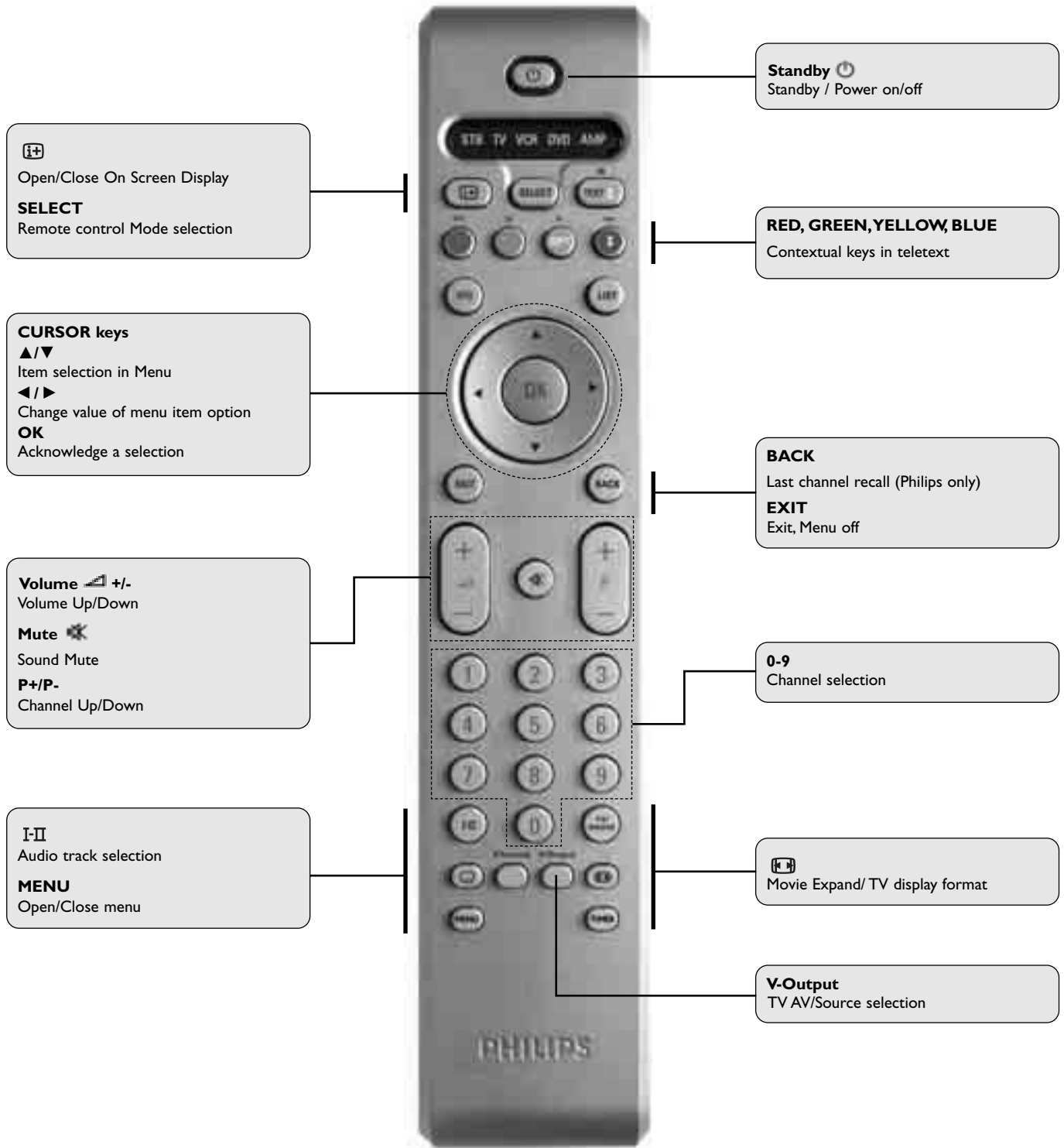
All manufacturers are concerned about the constant improvement of their products. Although your remote control is compatible with most of the equipment of the following list, Philips cannot guarantee its operation with the complete range of products on the market.

## 16.4 Controlling your TV, Video Recorder, DVD and amplifier

Some of the functions described in the next pages may not be available or have the same behaviour for all brands of the same devices.

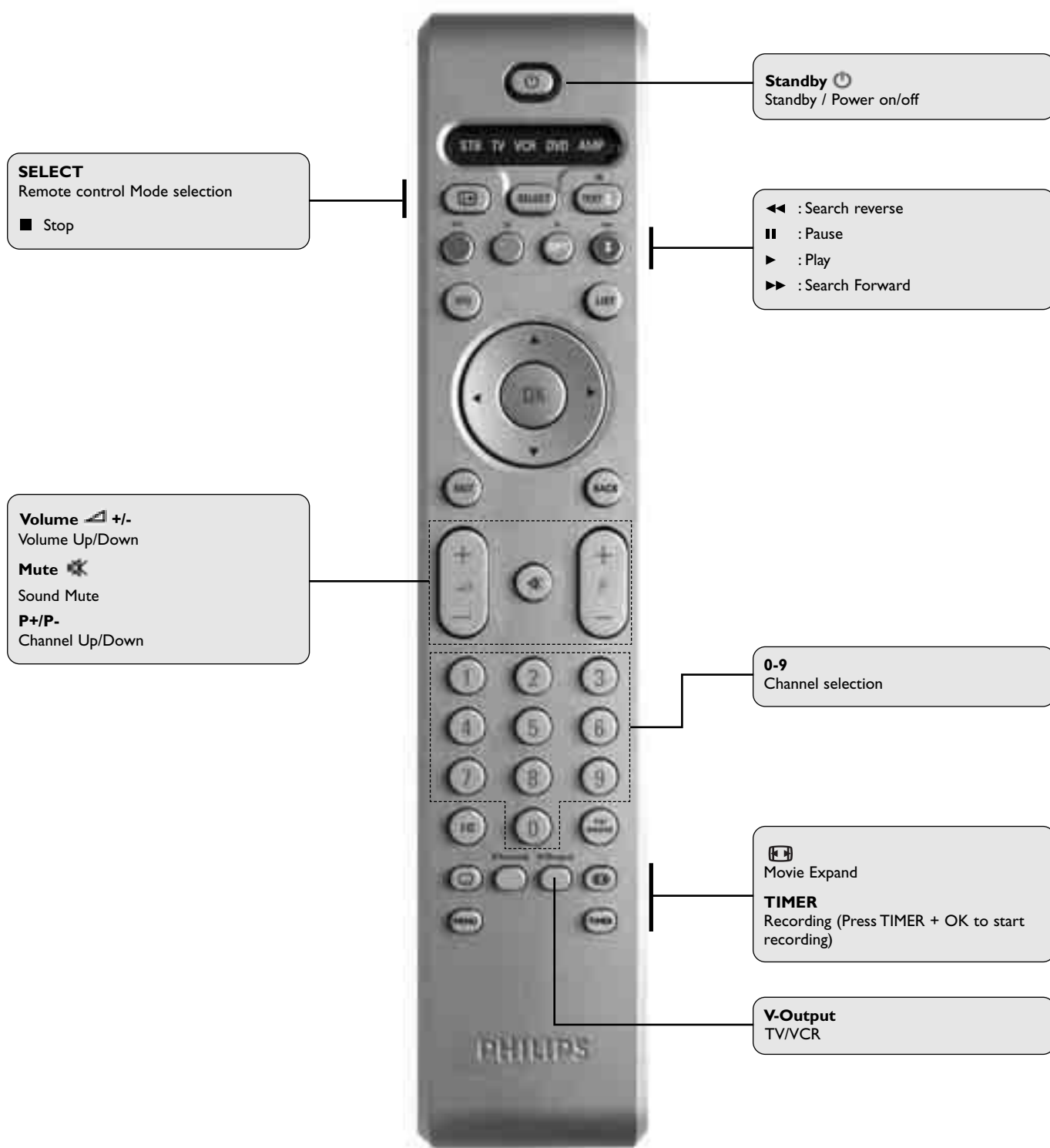
### 16.4.1 Using the remote control when the TV mode is selected

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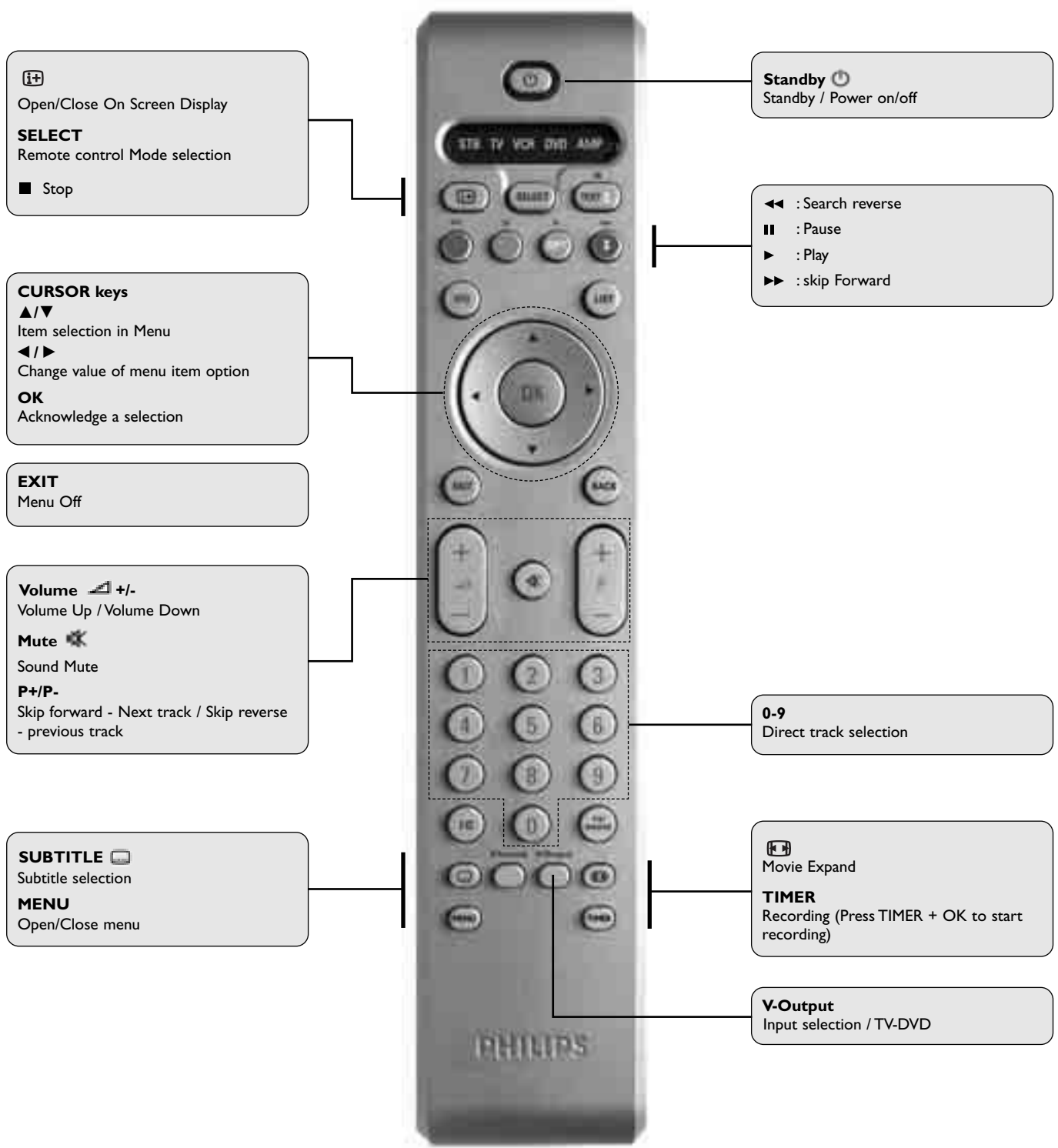


## 16.4.2 Using the remote control when the VCR mode is selected

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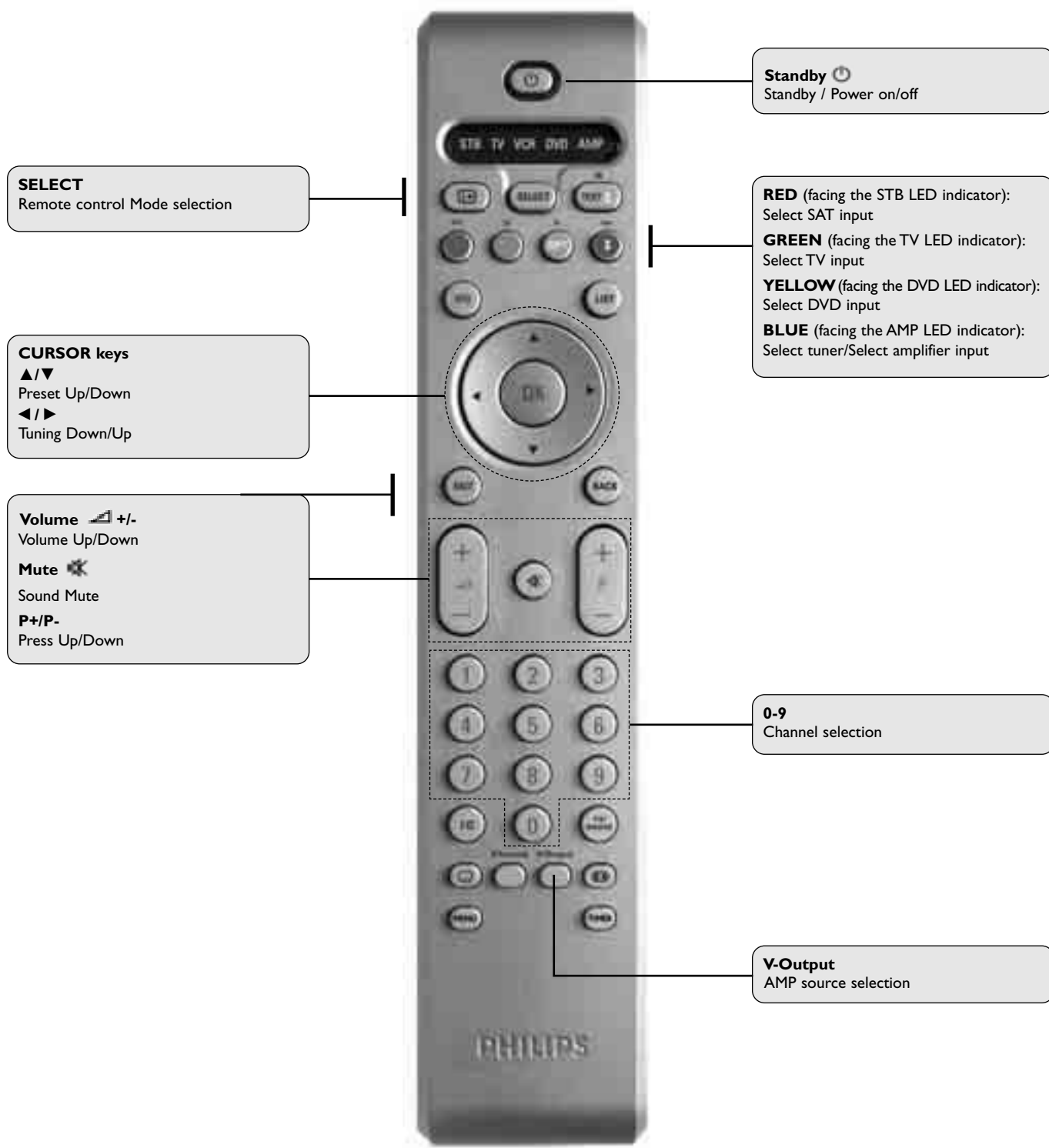


### 16.4.3 Using the remote control when the DVD mode is selected



## 16.4.4 Using the remote control when the AMP mode (tuner/amplifier) is selected

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# 17 Glossary

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**Common interface:** standardised interface enabling to use a common interface module

**Common interface module:** hardware unit used together with the appropriate smart card to descramble programmes from a given provider

**Dolby Digital:** Digital Audio Compressed (5.1 Channel)

**DVI:** Digital Video Interface

**HD:** High Definition

**HDCP:** High-bandwidth Digital-Content Protection

**HDMI:** High Definition Multimedia Interface

**HDTV:** High Definition TeleVision

**HDTV label:** indicates compliance of a receiver with the minimum requirements for HDTV

**HD-Ready label:** indicates compliance of a TV set with the minimum requirements for HDTV

**Lip Synchronisation:** setting used to synchronize sound and pictures in case a delay is experienced, in particular if the sound of speech does not match lip movements.

**LNB loop-through:** function allowing to by-pass the antenna RF signal to the RF output in order to feed another satellite receiver

**OSD:** On-Screen Display

**Password:** 4-digit code used to lock channels and features of the receiver

**PIN-Code:** 4-digit code used to prevent access to inappropriate Premiere programmes (parental control)

**SD:** Standard Definition

**SDTV:** Standard Definition TeleVision

**SPDIF:** Sony/Philips Digital audio InterFace



**YPbPr:** component video signal (Y for luminance, PbPr for colour)

**SCART Loop-through:** function allowing automatic signal by-pass for playback from a VCR or DVD player/recorder connected to SCART EXT2

# 18 Troubleshooting

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Please be aware that new software may change the functionality of your receiver. Should you experience any difficulties with the operation of the receiver, please consult the relevant section of this manual, including this Troubleshooting section. If the problem cannot be solved, call your dealer or a customer service adviser.

Symptom	Cause	Remedy
The display on the front panel does not light up.	Faulty power supply	Check that the power cord is correctly connected. Disconnect this cord and reconnect it to ensure it is in place.  Check that the power is available at the wall socket.
The welcome screen does not display at first installation.	Faulty connections	Check connections at your TV set (HDMI, DVI or YPbPr connection, and SCART connection).
	Incorrect TV source selection	Select the appropriate TV source (refer to your TV user manual).
	The selected receiver output does not match the connection to your TV set.	Press <b>V-Output</b> once to check the current receiver output setting. If it does not correspond to the actual connection to your TV set, press <b>V-Output</b> repeatedly until the setting and connection match.
No sound or picture but the front panel displays the time or 	Receiver in Standby	Press <b>P+</b> , <b>P-</b> , <b>TV/RADIO</b> , or any number key.
No sound or picture but the front panel displays a channel number.	Poor connections	Check the connections.
	Poor signal	Check the connections at the LNB and between the LNB and the receiver, or adjust the dish.
	Dish pointed incorrectly	Adjust the dish pointing. Check the signal level from the Antenna Setup menu.
Poor picture	Incorrect dish pointing	Adjust the dish pointing.
The remote control does not operate your receiver.		Make sure the receiver is on.  Make sure you are pointing the remote control at the receiver front panel.  Check the batteries in your remote control.
The display appears frozen and the remote control does not operate your receiver	Receiver "hanged up" or blocked	Press the  button on the receiver front panel for at least 5 seconds. Your Preferences will not be lost. Release the button and wait for a stable front display indication. Alternatively, disconnect your receiver from the mains, then reconnect it and wait for a stable front display indication. You can then continue with normal operation.
On-screen display working but there is no reception	Poor reception/signal	Check the installation and the antenna positioning.
	No power fed to LNB	Check the cable between the LNB and the receiver.
Intermittent reception	Faulty connections	Check all connections and cable.
	Incorrect dish pointing	Adjust the dish pointing. Fasten the antenna securely.
Note 3 - Insert the smart card in the direction of the arrow with the golden chip facing up/down.	The smart card was inserted incorrectly.	Insert the smart card into the receiver as described in the user manual.
Sound not synchronized with pictures when using digital audio connection	You use digital audio connection option A or B as described in 7.1.3.	Change sound-pictures synchronisation (Lip Synchronisation) as described in 9.6.

Symptom	Cause	Remedy
Note 9 - Your smart card subscription is no longer active.	Your subscription has not yet been re-activated.	If you are subscribing for the first time, contact the Premiere customer service so that your subscription can be activated. To do this, insert the smart card into the digital receiver. Select a channel to which you are subscribed and wait for around 60 minutes to obtain the activation.
	As the subscriber programme has not been watched for some time, your subscription could not be re-activated.	If you already subscribe to Premiere, insert the smart card into the digital receiver. Select a channel to which you are subscribed and wait for around 60 minutes to obtain the reactivation.
Note 10 – Your smart card does not allow you to watch this programme.	Your subscription has not yet been re-activated.	If you are subscribing for the first time, contact the Premiere customer service so that your subscription can be activated. To do this, insert the smart card into the digital receiver. Select a channel to which you are subscribed and wait for around 60 minutes to obtain the activation.
	You have not taken up a subscription to this channel.	Check that you have taken up a subscription to this channel. Otherwise, contact the Premiere hotline to subscribe to this channel.
The picture is not sharp and on-screen text is difficult to read.	TV SCART output format not set to RGB	Change the setting of the TV SCART item to RGB from the System Setting menu.
	TV SCART not connected to the RGB capable SCART socket of your TV set.	Refer to your TV User Manual.
	Inappropriate TV SCART	Use the SCART cable supplied with your receiver.
You cannot find all the channels you think should be available.	The signal to your antenna may be weak.	Try retuning your receiver, following the relevant steps in chapter 1. If you are still missing channels, your antenna may need adjusting.
	Your antenna may need adjusting	Call your installer.
	Some wireless DECT phones (handset + base station) could have a negative effect on the number of channels that you receive.	When you install your receiver, disconnect the wireless DECT phone from the mains or make sure there is a 3-5 metre distance in between the two products (handset + base station)
The picture on some channels seems to have been stretched or squashed.	The broadcast is probably in wide screen and the receiver settings may not be correct.	Check the receiver “TV format” option setting, following the information in paragraph 14.5.1. If you have a wide screen TV, you may also need to check the settings on your TV.
Even if you use the number keys, you cannot access a particular channel.	The parental lock has been activated on this channel and a message asks for your parental code.	Enter your parental code to access the channel or remove it as a locked channel.
	Your subscription rights do not include this channel	Select another channel.
You set a timer but did not record what you wanted.	The recorder was set incorrectly.	Make sure that your recorder is set for the same time as your digital receiver.
The order of the channels has changed.	They have been re-arranged as described in paragraph 13.2.2.	Refer to this chapter to change the order again.
You have forgotten your receiver password.		From the main menu, press 5 to go to the For Parents screen. When prompted, enter the following 4-digit code: 1911. Then enter 1234 as your current password, and proceed as described in paragraph 14.4.
You have forgotten your PIN code for the protection of minors.		Call the Premiere Call Centre on: 0180/512 00 00* for Germany or 01/49166 400 for Austria

For problems that are not related to Premiere programmes or the Premiere smart card, but rather due to your receiver, call the Philips call centre on 0180/500 75 31\* for Germany or 0820 400 039\* for Austria.

\*open 7 days from 08.00 to 23.00 - 0.12 Euros/min

# 19 Technical specifications

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This product is in conformity with the requirements of the 95/47/EC and 2002/21/EC directives.

## Decoding

- MPEG-2 (720 x 576 interlaced) DVB compliant up to MP@HL
- MPEG-4/H.264 (1920 x 1080 interlaced) DVB compliant up to HP@L4
- Video bit rate: up to 20 Mbit/sec
- Video format: 4:3 and 16:9
- Resolution: automatically up to 1920 x 1080 interlaced

## Audio decoding

- MPEG1 layer I/II
- Dolby Digital
- Multi-channel down-mixing

## Ease of Installation

- Preset for 4 satellites including Astra 19.2 East satellite.
- Semi-automatic channel installation
- Automatic channel list update
- Up to 5000 system presets
- Up to 600 user presets

## Ease of Use

- 13 digit multi-information display
- Channel list editing for personalized installation (delete, add, move)
  - 5 TV channel lists
  - 5 Radio channel lists
- Full remote control
- EPG list per channel
- Automatic recording via:
  - Timer programming in EPG
  - "Easy Recording" for Philips VCR and DVD-RW with:
    - Either "Prepare Record"
    - Or "Record link"
- Now & Next programme monitoring
- 5 in 1 multi-brand remote control

## Operation/Features

- Reception of High definition and standard definition digital TV programmes
- TV & Radio modes
- Free-to-air reception
- Premiere and other Pay-TV programmes reception
- Subtitles
- Integrated Teletext decoder
- Parental lock with PIN code
- Audio mode: Mono, Stereo
- Menu-controlled installation and operation
- 8 event Timers/Reminders

- Automatic VCR play back: Audio L/R + CVBS or RGB/Fast blanking
- Variable LNB frequency
- DiSEqC 1.0 antenna control
- RF input short circuit protection
- Software upgrade: over-the-air download
- 1 Watt consumption in "Low power" mode
- HDMI video & audio digital output
- Dolby Digital audio output

## Application system resources

- Processor: 266 MHz
- SDRAM:
  - for System: 64 MB
  - for Audio/Video/Graphics: 64 MB
- Flash - Data/Code: 16 MB
- EEPROM: 32 kB

## Satellite antenna interface

- SAT input: F type connector
  - LNC supply (V): 0/14/18
  - LNB current (mA): 400 max
  - Tone switching: 22 kHz (on/off)
  - DiSEqC: 1.0 for 4 sat. orbital positions
- RF loopthrough output: F type connector

## Reception-Demodulation

- Demodulation type:
  - DVB - S
  - DVB - S2
- Input frequency range (MHz): 950-2150
- Input level range (dBm): -65 to -25
- Symbol rate (Mbaud) DVB-S: 2 to 30
- Symbol rate (Mbaud) DVB-S2: 2 to 30
- Satellite band coverage
- Ku band: 10.7 to 12.75 GHz

## De-scrambling

- Embedded
  - Type: DVB compliant
  - Smart card reader: 1 for CA
  - CA system: Nagravision

*Note: a subscription is required to watch Premiere programmes.*

- Via DVB-CI (module and card are not provided)

## Connections

- HDMI
- YPbPr
- EXT1 SCART
- Output: CVBS, Controlled audio L/R, RGB/FB, Slow blanking

## EXT2 SCART

- Input: CVBS, Slow blanking, Audio L/R, RGB/Fast blanking
- Output: CVBS, Audio L/R, Slow blanking during timer if "Prepare Record" mode is activated
- Audio outputs:
  - L/R outputs: volume controlled analogue audio
  - DIGITAL output: Dolby Digital or PCM
  - SPDIF output: Dolby Digital or PCM
- Digital interfaces:
  - Serial: RJ 9
  - USB: version 2.0 host
  - DVB - CI: 1 slot on the front
  - Card reader: 1 slot on the front

## Accessories

- Remote control type RC4338
- HDMI lead
- User manual
- Worldwide Guarantee booklet
- Batteries: 2 x 1.5V type AA/R06
- Mains cord (2 m)

## Miscellaneous

- Temperature range
  - Operating: +5 to 45 °C
  - Storage: -10 to +70 °C
- Mains: 230 V ~ +/-10% - 50 Hz
- Power consumption: 20 W
- Low power consumption: 1 W
- Weight: 2 kg
- Including packaging: 3.2 kg
- Dimensions:
  - Product: 360 x 220 x 55 mm
  - Packaging: 495 x 290 x 120 mm

## Multi-language

- Menu: English, German
- User Manual: English, German


The product complies with the following European Directives:



- 73/23/EEC
- 93/68/EEC
- 89/336/EEC

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# Code List für verschiedene Marken/Brand code list

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 Reflex 0695, 1064  
 Relisys 0892  
 Reoc 0741  
 Rex 0190, 0233, 0286, 0291, 0390, 0438  
 RFT 0099, 0114, 0291  
 Roadstar 0036, 0245, 0291, 0309, 0445, 0695, 0741, 1064, 1927  
 Robotron 0114  
 Royal Lux 0362, 0439  
 Saba 0114, 0136, 0190, 0314, 0362, 0388, 0525, 0543, 0575, 0587, 0652, 0741  
 Saccs 0265  
 Sagem 0482, 0637  
 Saisho 0036, 0038, 0204, 0244, 0262, 0291, 0543, 0571  
 Saivod 0695, 1064, 1190  
 Sakai 0190  
 Salora 0190, 0221, 0235, 0317, 0383, 0388, 0390, 0507, 0543, 0575, 0648, 0658  
 Salsa 0362  
 Sambers 0129, 0543  
 Sampo 1782  
 Samsung 0036, 0087, 0099, 0190, 0205, 0235, 0243, 0244, 0291, 0317, 0397, 0509, 0583, 0614, 0645, 0671, 0709, 0745, 0839  
 Sandra 0243, 0244  
 Sansui 0682, 0733, 1564  
 Santon 0036  
 Sanyo 0038, 0063, 0072, 0099, 0131, 0135, 0184, 0197, 0235, 0243, 0244, 0366, 0397, 0571, 0582, 0731 0039, 0220, 0583  
 SBR 0388, 0401, 0513, 0575, 0633, 0741  
 Schaub Lorenz 0039, 0097, 0190, 0244, 0245, 0274, 0286, 0379, 0388, 0398, 0421, 0571, 0583, 0675, 0695, 0741, 1064, 1164  
 Schneider 0205  
 Scotch 0190  
 Scotland 0205  
 Sears 0661  
 Seaway 1064  
 Seelver 0036, 0063, 0129, 0243, 0244, 0245, 0291, 0389, 0514, 0661, 0695, 1064, 1190, 1464  
 SEG 0114, 0129, 0204, 0233, 0543, 0571  
 SEI 0114, 0129, 0233, 0543, 0571  
 Sei-Sinudyne 0190, 0233, 0286, 0291, 0373, 0389, 0390, 0398, 0438, 0462  
 Seleco 0036  
 Sencora 0062  
 Sentra 0120, 0482, 0637  
 Serino 0063, 0120, 0184, 0220, 0283, 0518, 0543, 0845, 1190, 1220  
 Sharp 0470  
 Shivaki 0114, 0129, 0543  
 Siarem 0184, 0222, 0562  
 Siemens 0039, 0583  
 Siera 0397  
 Siesta 0243, 0388, 0675  
 Silva 0063, 0388, 0742  
 Silver 1064  
 SilverCrest 0036, 0114, 0129, 0362, 0460, 0462, 1564  
 Singer 0114, 0129, 0204, 0233, 0262, 0543, 0571  
 Sinudyne 0383  
 Skantic 0907  
 SKY

Sliding	0892, 0907
SLX	0695
Smaragd	0514
Soemtron	0892
Solavox	0099, 0190, 0388, 0575
Sonawa	0245
Sonitron	0235, 0244, 0366, 0397
Sonoko	0036, 0309
Sonolor	0190, 0235, 0309, 0388, 0575
Sontec	0036, 0397
Sony	0038, 0063, 0120, 0129, 0184, 0197, 0380, 0861, 1532, 1678
Sound&Vision	0129, 0401
Soundesign	0205
Soundwave	0347, 0445, 0742
Spectra	0036
Ssangyong	0036
Standard	0036, 0244, 0245, 0347, 0401, 1064
Starlite	0036, 0291
Stenway	0245, 0309
Stern	0190, 0233, 0286, 0390, 0438
Strato	0036, 0291
Strong	1190
Sunkai	0348, 0382, 0482, 0514, 0637, 0892
Sunstar	0036, 0291, 0398, 0606
Superla	0543
SuperTech	0036, 0243, 0245
Supra	0036
Susumu	0245, 0314, 0362
SVA	0614, 0892
Swissline	0274
Sytong	0243
T+A	0474
Tandberg	0394
Tandy	0099, 0120, 0190, 0244, 0245
Tashiko	0063, 0190, 0243, 0244, 0390
Tatung	0038, 0099, 0244, 0543, 0648, 0656, 1783
TCL	1564
TCM	0741, 0835
Teac	0036, 0197, 0205, 0291, 0482, 0539, 0695, 0782, 1751
Tec	0036, 0244, 0274, 0286, 0364
Tech Line	0695, 1464
Technema	0347
Technics	0583, 0677
TechniSat	0583, 0682
Technisson	0741
Technosonic	0583
Techwood	1190
Tecnimagen	0583
Tedelex	0036, 0244, 1564
Telecor	0421
Telefunken	0100, 0136, 0314, 0362, 0373, 0513, 0525, 0587, 0652, 0741
Telemeister	0347
Telestar	0583, 0606
Teletech	0036, 0364, 0695, 1064
Teleton	0063, 0233, 0244, 0286, 0390
Televideon	0243, 0347
Tempest	0036
Tensai	0036, 0131, 0132, 0244, 0245, 0274, 0347, 0398, 0401, 0404, 0742, 1064
Tenson	0036, 0347
Tevion	0583, 0675, 0695, 0741, 0835, 1064, 1164
Texet	0036, 0243, 0244, 0245, 0401
Thomson	0136, 0314, 0362, 0587, 0652
Thorn	0062, 0063, 0099, 0100, 0131, 0136, 0220, 0265, 0362, 0388, 0526, 0539, 0562
Thorn-Ferguson	0100, 0220, 0265, 0526
TMK	0205
Tokai	0036, 0190, 0364, 0401, 0695, 1064
Tokaido	1064

Tokyo	0062
Tomashi	0245, 0309
Toshiba	0062, 0063, 0087, 0097, 0129, 0136, 0222, 0535, 0645, 0677, 0741, 0745, 1190, 1535
Towada	0244
Trans Continens	0244, 0695, 1064
TRANS-continents	0648, 0892
Transonic	0036
Trical	0184
Trident	0543
Tristar	0220, 0245
Triumph	0204, 0373, 0543, 0583
Tsoschi	0309
TVTEXT 95	0583
Uher	0233, 0347, 0401, 0445, 0507, 0513
Ultravox	0114, 0129, 0243, 0274
Unic Line	0482
United	0741, 0742, 1064, 1943
Universum	0036, 0038, 0063, 0097, 0131, 0132, 0184, 0197, 0204, 0244, 0274, 0291, 0317, 0373, 0388, 0389, 0397, 0438, 0445, 0448, 0500, 0507, 0519, 0539, 0562, 0571, 0645, 0658, 0695, 1064, 1190, 1464
Univox	0114, 0190, 0364
V2max	0892
V7 Videoseven	1782
V7Videoseven	0907
Vestel	0244, 0583, 0695, 1064, 1190
Videocon	0535
Videologic	0243, 0245
Videologique	0245
Videosat	0274
Videotechnic	0244, 0347
Videoton	0383
Vidtech	0205
Viewsonic	1782, 0751
Vision	0244, 0347
Vistar	0233
Voxson	0114, 0190, 0390, 0445
Waltham	0136, 0190, 0244, 0383, 0445, 0470, 0695, 1064
Wards	0087, 0193, 0205
Watson	0036, 0245, 0347, 0421, 0606, 0695, 1064, 1464
Watt Radio	0129, 0243, 0571
Wega	0063, 0114
Welltech	0741
Weltblick	0244, 0347
Westinghouse	0917
Wharfedale	0583
White Westinghouse	0243, 0347, 0364
Windsor	1064
Windstar	0309, 0364
Windy Sam	0583
World-of-Vision	0892, 0907, 0917
Xenius	0661, 0688
Yamaha	0677, 1603
Yamishi	0244, 0309, 0482
Yoko	0036, 0243, 0244, 0245, 0274, 0291, 0366, 0448
Zanela	0265
Zanussi	0233, 0291, 0390
Zenor	0366

#### Setup-Code für alle Videorecordermodelle (V) Setup Code For All VCRs (V)

Accent	0099
Adyson	0099
Aiwa	0027, 0059, 0064, 0334, 0375, 0379, 0769, 1164
Akai	0047, 0068, 0133, 0267, 0342, 0375, 0379, 0669
Akiba	0099
Akura	0099
Alba	0027, 0047, 0099, 0108, 0305, 0342, 0375, 0379
Allstar	0108
Ambassador	0047
Amstrad	0027, 0099, 0305

Anam	0064, 0253, 0267	Flint	0375
Anam National	0253	Frontech	0047, 0099
Anitech	0099	Funai	0027, 0620
Ansonic	0027	Galaxis	0305
Aristona	0108, 0173	Garrard	0027
ASA	0064, 0108	GE	0075, 0267, 0347
Asuka	0064, 0065	GEC	0108
Audiosonic	0305	General	0047
Audioton	0047	General Technic	0375
Audiovox	0808	Genexxa	0131
AVP	0027, 0379	Go Video	0459, 0647, 1164
Awa	0070	GoldHand	0099
Baird	0027, 0068, 0131, 0133	GoldStar	0064, 0507, 1164
Bang&Olufsen	0526	Goodmans	0027, 0047, 0064, 0099, 0108, 0305, 0375, 0379, 0664, 0669, 0769
Basic Line	0047, 0099, 0131, 0305	GPX	0064
Beko	0131	Gradiente	0027
Bell&Howell	0131	Graetz	0068, 0131, 0267
Bestar	0305	Granada	0027, 0064, 0069, 0075, 0108, 0131, 0253, 0267
Black Diamond	0669	Grandin	0027, 0064, 0099, 0305, 0769
Black Panther	0305	Grundig	0061, 0099, 0108, 0253, 0347, 0374, 0375, 0376, 0379, 0769
Blaupunkt	0061, 0108, 0253	Hanimex	0379
Blue Sky	0064, 0099, 0305, 0375, 0379, 0507, 0669, 1164	Hanseatic	0064, 0065, 0108
Bondstec	0047, 0099	Hantor	0047
Brandt	0068, 0347, 0348	Harley Davidson	0027
Brandt Electronique	0068	Harman/Kardon	0065
Brinkmann	0375	Harwood	0099
Bush	0027, 0099, 0108, 0305, 0342, 0375, 0379, 0669, 0769	HCM	0099
Carrefour	0072	Hinari	0068, 0099, 0267, 0305, 0379
Carver	0108	Hisawa	0379
Casio	0027	Hischito	0072
Cathay	0305	Hitachi	0027, 0068, 0069, 0108, 0193, 0267, 0620
Catron	0047	Hoehner	0305, 0669
CGE	0027	Hornophon	0108
Cimline	0099	Hypson	0027, 0064, 0099, 0305, 0507
Citizen	0064, 0305	Imperial	0027
Clatronic	0027, 0047, 0099	Ingersoll	0267
Colt	0099	Inno Hit	0099
Combitech	0379	Interbuy	0099
Condor	0047, 0305	Interfunk	0108, 0131
Craig	0064, 0074, 0099, 0267	Internal	0305, 0664
Crown	0047, 0064, 0099, 0305, 0507	International	0064, 0305, 0669
Cyrus	0108	Intervision	0027, 0305
Daewoo	0047, 0072, 0305, 0379, 0664, 0669, 0871	Irradio	0099, 0108
Dansai	0099, 0305	ITT	0068, 0131, 0133, 0267, 0411
Dantax	0379	ITT Nokia	0579
Daytron	0047	ITV	0047, 0064, 0305
De Graaf	0069, 0075, 0108, 0131, 0193	ITV Videomaster	0047
Decca	0027, 0094, 0108, 0379	JBL	0305
Deitron	0305	Jensen	0068
Denko	0099	JMB	0375, 0379, 0769
Denon	0069	Joyce	0027
Diamant	0064	JVC	0068, 0094, 0411
Dual	0027, 0068, 0108, 0305, 0375	Kaisui	0099
Dumont	0027, 0108, 0131	Kambrook	0064
Elbe	0065, 0305	Karcher	0108, 0305, 0669
Elcatech	0099	KEC	0064, 0305
Elin	0267	Kendo	0099, 0133, 0305, 0342, 0375, 0669
Elsay	0099	Kenwood	0065, 0068, 0094
Elta	0099, 0305	Kimari	0074
Emerson	0027, 0064, 0070, 0072, 0099, 0305, 0620, 0664	Kneissel	0064, 0305, 0375, 0379
ESC	0047, 0267, 0305	Korpel	0099
Europhon	0047	Kuba Electronic	0074
Fast	0924	Kyoto	0099
Fenner	0047	Lenco	0305
Ferguson	0027, 0068, 0305, 0347, 0348	Leyco	0099
Fidelity	0027, 0099, 0267, 0379, 0459	LG	0064, 0507, 1164
Finlandia	0027, 0064, 0069, 0070, 0075, 0108, 0131, 0133, 0193, 0253, 0411	Lifetec	0375
Finlux	0027, 0069, 0108, 0131	Lloyd's	0027
Firstline	0064, 0070, 0072, 0099, 0305, 0375, 0507, 1164	Loewe	0064, 0108, 1589
Fisher	0047, 0074, 0131	Logik	0099, 0133, 0267

Lumatron	0620, 1164	Prosonic	0305
Lunatron	1164	Protech	0108
Lux May	0099	ProVision	0305
Luxor	0070, 0074, 0075, 0131, 0133, 0342	Pye	0108
LXI	0064	Quasar	0305
M Electronic	0027, 0065	Quelle	0108
Magnasonic	0305, 0620	Radialva	0064, 0075
Magnavox	0027, 0108, 0669	Radiola	0108
Magnin	0267	Radionette	0064, 1164
Magnum	0669	RadioShack	0027, 0064
Manesth	0072, 0099, 0108	Rank Arena	0068
Marantz	0065, 0108, 0173	RCA	0069, 0075, 0267, 0347
Mark	0027, 0305	Realistic	0027, 0064, 0074, 0075, 0131
Mastec	0669	Reoc	0375
Master's	0305	Rex	0068, 0411
Matsui	0267, 0375, 0379, 0769	RFT	0099
Medion	0375, 0379, 0669	Ricoh	0061
Melectronic	0027, 0064, 0065	Roadstar	0064, 0099, 0108, 0267, 0305, 0769
Memorex	0027, 0064, 0075, 0131, 0267, 0375	Royal	0099
Memphis	0099	Saba	0068, 0305, 0347, 0348, 0411, 0521
Metronic	0108	Saisho	0375
Metz	0064, 0108, 0253, 0374, 0863, 0864, 1589	Salora	0070, 0131, 0133
MGA	0070, 0267	Samsung	0072, 0267, 0459, 0647
Micormay	0375	Samurai	0047
Minolta	0069	Sansui	0027, 0068, 0094, 0099, 0133
Mitsubishi	0070, 0075, 0094, 0108, 0507, 0669	Sanyo	0074, 0075, 0094, 0131, 0267, 1164
MTC	0027, 0267	Saville	0267, 0305, 0379
Multitec	0064	SBR	0108, 0173
Multitech	0027, 0047, 0099	Schaub Lorenz	0027, 0068, 0131, 0133, 0342, 0375
Murphy	0027	Schneider	0027, 0064, 0069, 0099, 0108, 0173, 0267, 0305, 0375, 0379, 0669, 0924
Myryad	0108	Scott	0070
NAD	0131	Sears	0027, 0064, 0069, 0074, 0131
Naiko	0375, 0669	Seaway	0305
National	0253	SEG	0099, 0108, 0267, 0305, 0664, 0669
NEC	0064, 0065, 0068, 0094, 0131, 0305	SEI	0108
Neckermann	0108	Seleco	0047, 0064, 0068, 0411
Nesco	0099	Semp	0072
Nikkai	0047, 0099, 0305	Sentra	0047, 0099
Nikko	0064	Sharp	0064, 0075, 0596
Nokia	0068, 0069, 0075, 0108, 0131, 0133, 0267, 0305, 0342, 0579	Shintom	0099, 0131
Nordmende	0068, 0094, 0347, 0348, 0411, 0521	Shivaki	0064
Oceanic	0027, 0068, 0075, 0108, 0131, 0133	Siemens	0064, 0108, 0131, 0173, 0347, 0374
Okano	0099, 0305, 0342, 0375	Siera	0108
Onimax	0669	Silva	0064
Optimus	0064, 0075, 0131, 0459, 0620	Silver	0305
Orbit	0099	Singer	0072
Orion	0375, 0376, 0379, 0769	Sinudyne	0108, 0379
Osaki	0027, 0064, 0099	Smaragd	0375
Osume	0099	Solavox	0047
Otto Versand	0108	Sonneclair	0099
Pace	0379	Sontec	0064
Pacific	0027, 0375, 0669, 0769	Sonwa	0669
Palladium	0064, 0068, 0099, 0375	Sony	0027, 0059, 0061, 0133, 1059
Palsonic	0027, 0099, 0669	Soundwave	0064, 0375
Panasonic	0253, 0863, 0864, 1589	Ssangyong	0099
Pathe Cinema	0070	Stern	0305
Pathe Marconi	0068	Sunkai	0305, 0375
Penney	0064, 0065, 0069, 0267	Sunstar	0027
Pentax	0069	Suntronic	0027
Perdio	0027	Sunwood	0099
Philco	0065, 0099	Supra	0064
Philips	0108, 0173, 0411, 0620, 1296	Sylvania	0070, 0108
Phoenix	0305	Symphonic	0027, 0620
Phonola	0108	Tandberg	0305
Pilot	0064	Tandy	0027, 0131
Pioneer	0069, 0094, 0108, 1830	Tashiko	0027, 0064, 0075, 0108, 0267
Portland	0047, 0305, 0664	Tatung	0027, 0068, 0070, 0075, 0108, 0375, 0379
Prinz	0027	Tchibo	0375
Profitronic	0108, 0267	TCM	0375
Proline	0027, 0305, 0347, 0669	Teac	0027, 0064, 0068, 0334, 0664, 0669, 0871, 0808
Proscio	0871	Tec	0047, 0099

Tech Line	0099
Technics	0108, 0253
Tedalex	0669
Teknika	0027, 0064
Televia	0068
Telefunken	0068, 0305, 0347, 0348, 0411, 0521, 0669
Telerent	0253
Teletech	0027, 0099, 0305
Tempest	0047
Tenosal	0099
Tensai	0027, 0099, 0305
Tevion	0375, 0669
Texet	0047, 0305
Thomas	0027
Thomson	0068, 0094, 0305, 0347, 0348, 0411, 0521, 0749
Thorn	0064, 0068, 0131
Tivo	0749
Tokai	0064, 0099
Topline	0375
Toshiba	0068, 0070, 0072, 0108, 0379, 0411, 0459, 0769
Totevision	0064
Towada	0099
Tradex	0108
Uher	0267
Ultravox	0305
Unitech	0267
United	0375, 0769
Universum	0027, 0064, 0108, 0131, 0133, 0267, 0375, 1164
Victor	0094
Video Concepts	0072
Video Technic	0027
Videomagic	0064
Videosonic	0267
Villain	0027
Wards	0027, 0065, 0069, 0072, 0074, 0075, 0099, 0108, 0267
Watson	0108, 0379, 0669
Wharfedale	0620
White Westinghouse	0099, 0305
World	0375
Yamaha	0065
Yamishi	0099, 0305
Yokan	0099
Yoko	0047, 0064, 0267
Zenith	0027, 0061, 0664
ZX	0375, 0379

### Setup-Code für alle DVD-Playermodelle (Y) Setup Code For All Digital Video Disks (Y)

3D	LAB 0566
4Kus	1185
A-Trend	0741
Aboss	1125
Acoustic Solutions	0740, 0757
AEG	0797, 0815, 0817
AFK	1078, 1179, 1225
Afreey	0725
Aim	0805
Airis	0699, 1032, 1251, 1277
Aiwa	0560, 0668, 1163, 1270
Akai	0638, 0743, 0793, 0815, 0817, 0925, 1142, 1226, 1260, 1722
AKI	0880, 1032
Akura	0925, 1078, 1167, 1197, 1198, 1260, 2018
Alba	0566, 0699, 0722, 0726, 0740, 0744, 0757, 0810, 1078, 1167
Albatros	1056
Alize	1178
All-Tel	0739
Altacom	1251

Amitech	0797, 0811, 0877
Amoi	0879
Amoisonic	0791, 0862
Amstrad	0740
AMV	0899
Ansonic	0786, 0858
Apex Digital	0699, 1031, 1127, 1942
Arcam	0759
Aria	0920
Arianet	0845, 0920
Ariston	0700
Ariston Acoustics	0700
Aristona	0673
Asono	1251
Atacom	1251
Audiologic	1828
Audiosonic	0717, 1292, 1950
Audiovox	0744
Auvio	0870, 1117
Axion	0757
Bang&Olufsen	1052
Basic Line	0740, 2021
Baze	0925
BBK	0889, 1111, 1251
Beko	1180
Bellagio	1031, 1272
Belson	1130, 1950
Binatone	1950
Black Diamond	0740, 0793, 0860
Blue Sky	0678, 0699, 0722, 0740, 0805, 0870
Boghe	1031, 1248
Boman	0810, 0925
Brainwave	0797, 1142, 1262
Brandt	0530, 0578, 0678
Britannia	0773
Broksonic	0722
BskyB	2007
Bush	0543, 0545, 0699, 0716, 0717, 0722, 0726, 0740, 0744, 0757, 0760, 0805, 0858, 0860, 0906, 1078, 1722
Cambridge Audio	1111, 1136
Cambridge Soundworks	0723
Cat	0726, 0813, 0814, 0816, 1042
CCE	0757, 1944
Cello	2018
Centrex	0699, 1942
Centrum	0740, 0806, 0816, 1032, 1254, 2021
CGV	0760, 0778, 1142
Cinea	0868
Cinetec	0740
cineULTRA	0726
CineVisiom	0903
Clairtone	1276
Classic	0757, 1757
Clatronic	0699, 0815, 0845
Clayton	0740
Coby	0757, 0805
Codex	1260
Compacks	0853, 1125, 1292
Conia	0791, 0879
Continental Edison	0858, 1276
CrossWood	1180
Crown	0717, 0796, 0797, 1142, 1183
Crypto	0909, 1255
Cybercom	0858
CyberHome	0741, 0843, 0901, 1046, 1050
Cyrus	1039
Cytron	0678, 0743
D-Vision	1142
Daenyx	0899
Daewoo	0732, 0741, 0797, 0859, 0860, 0897, 0899, 1196, 1945

Daewoo International	0899
Dalton	0813, 1063
Dansai	0774, 0797, 0810, 1142
Dantax	0566, 0740, 0750, 0817
Daytek	0899, 1032
Dayton	0899
Daytron	1067
DCE	0858
Decca	0797, 1142
Denon	0517, 0661, 1661
Denver	0726, 0805, 0815, 0925, 1110, 1131, 1950
Desay	0870, 1117
Diamond	0678
Digatron	1036
Digihome	0740
Digital i	0920
Digitrex	1942
Digix Media	0853
DiK	0858
Dinamic	0815
DiViDo	0732
DK Digital	0858, 0867, 1281, 2034
DMTech	0810, 1124, 2073
Dragon	0858
DreamX	1178
DSE	1757
DTS	0826
Dual	0678, 0692, 0740, 0757, 0806, 0810, 0817, 0858, 2034, 2073
Durabrand	0740, 0858, 1030, 1154
Easy Home	0884
eBench	1179
ECC	0757
Eclipse	0750, 0778
Elfunk	0877
Elin	0797
Ellion	0877
Elta	0699, 0717, 0797, 0815, 0877, 1142, 1178, 2018
Eltax	0793, 1119, 1123, 2014
Emerson	0618, 0732
Encore	0725
Enterprise	0618
Enzer	0728, 1255
EuroLine	0815, 1110, 1142, 1260, 2048
Fenner	0678, 1056
Ferguson	0678, 0925
Finlux	0618, 0699, 0768, 0778, 0797, 0810, 1174
Fintec	0811, 1196
Firstline	0740, 0826, 0870, 0896
Fisher	0697
Fujilink	0882
Funai	0702, 0722
Fusion	0889
Futronic	1960
Gateway	1185
GE	0744
Giec	1248
Global Solutions	0795
Global Sphere	1179
Go Video	0810, 0896, 1126, 1997
GoldStar	0618, 0768
Goodmans	0678, 0717, 0740, 0750, 0757, 0810, 0817, 0860, 0906, 1031, 1167, 1248, 1281, 2034, 2041
GPX	0726, 0796
Graetz	0692
Gran Prix	0858, 0925
Grandin	0740, 0743, 1260, 1281
Greenhill	0744
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